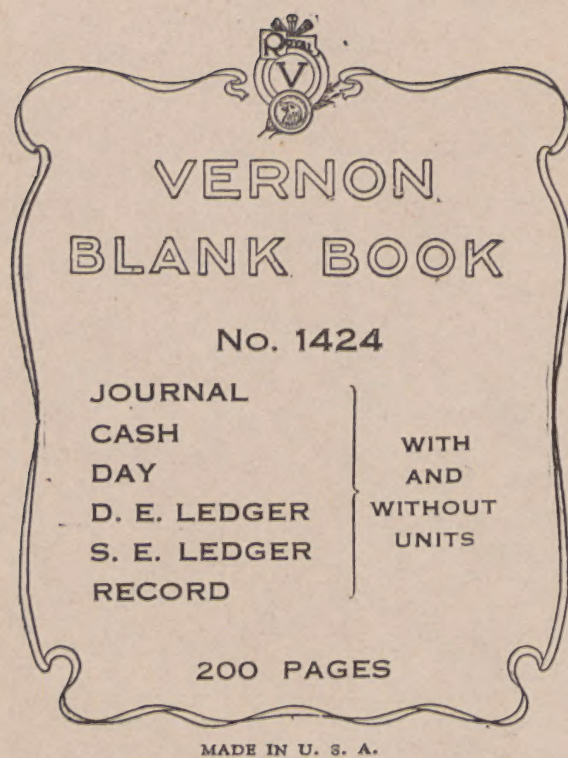


RECORD

Steven P. Darwin

F. R. Fosberg



Collection and Field Note Book

No. 1

(Feb. 10, 1928 - Aug. 7, 1930)

(S-1 - S-3366)

CALIFORNIA and NEVADA

Pages
2 - 199

R. Fosberg

FROM

Steven P. Darwin

Collection and Field Note Book

No. 1

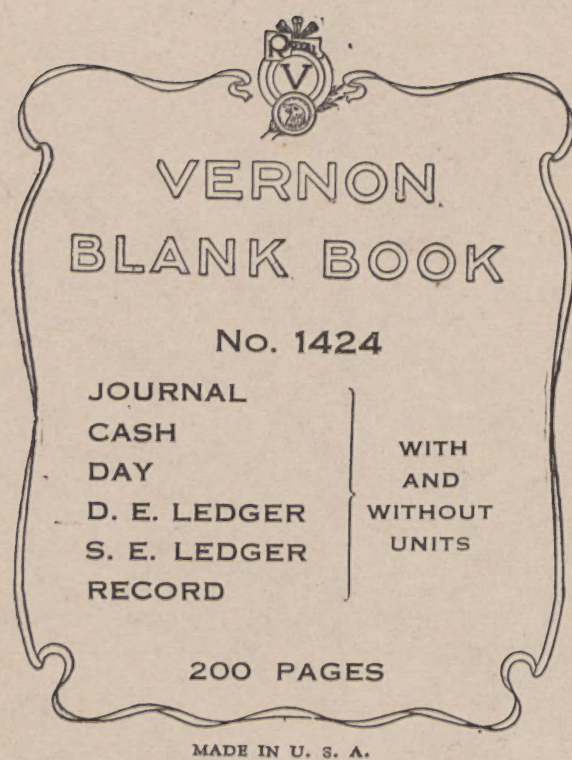
(Feb. 10, 1928 - Aug. 7, 1930)

(S-1 - S-3366)

CALIFORNIA and NEVADA

Pages
2 - 199

F. R. Fosberg



DIECKHAUS
206 S. 52nd St.
50

R. Fosberg
FROM
Steven P. Darwin

R. F. F. F. F.

FROM

Steven P. Darwin

- S 1 Discarded
 2 *Nemophila rotata* v. *integrifolia*
 3 *Montia perfoliata* Howell
 4
 5 *Ceanothus crassifolius*
 6 *Erysimum asperum*
 7 discarded
 8 *Paesonia Brownii*
 9 *Cryptantha intermedia*
 10 *Senecio Douglassii*
 11 *Lotus scoparius*
 12 *Echinocystis macrocarpus*
 13 *Antirrhinum strictum*
 14 *Caulanthus lasiophyllus*
 15 *Lathyrus laetiflorus*
 16 *Euphorbia melanadenia*
 17 *Scutellaria tuberosa*
 18 *Euphorbia albomarginata*
 19 *Solidago californica*
 20 discarded
 21 *Bromus rubens*
 22 *Nemophila rotata* v. *incana*
 23 *Lotus strigosus*
 24 discarded
 25 *Amsinckia Douglasiana*
 26 *Lupinus sparsiflora*
 27 *Cryptantha intermedia*
 28 ~~*Euphorbia*~~ *pinifolia*
 29 *Chenopodium californicum*
 30 *Ribes malvaceum* var. *indecomum*
 31 discarded
 32 *Rumex hymenosepalus*
 33 *Lupinus formosus*
 34 *Velaria arguta* C. & R.

- 3/30/28 Cobles Can. ^{Claremont} ~~Messing~~ L.A. Co.
 2/22/28 " " " " "
 2/22/28 Cobles Can. Claremont, L.A. Co. Cal.
 " Thompson's Cr. " " "
 2/27/28 Indian Hill, Claremont, L.A. Co. Cal.
 2/16/28 " " " " "
 2/10/28 " " " " "
 2/15/28 " " " " "
 2/28/28 M. Thompson's Cr. " " "
 2/29/28 Claremont M. Thompson's Cr. " " "
 " " " " "
 " " " " "
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 " " " " "
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 2/29/28 " " " " "
 2/29/28 " " " " "
 " " " " "
 " " " " "
 " " " " "
 2/29/28 " " " " "
 2/29/28 " " " " "
 2/29/28 Thompson's Cr. Claremont L.A. Co. Cal.
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 3/7/28 Claremont, L.A. Co. Cal.
 " " " " "
 " " " " "

- 5 69 *Lupinus succulentus*
 70 *Rhamnus crocea* var. *ilicifolia*
 71 *Platanus racemosa*
 72 *Tillaea erecta*
 73 *Athyrium pusillum*
 74
 75 *Baileya pauciradiata*
 76 *Salvia columbariae*
 77 *Phacelia campanularia*
 78
 79 *Amsinckia tessellata*
 80 *Ephedra californica*
 81 *Ephedra californica*
 82 *Encelia farinosa*
 83 *Fragaria californica*
 84 *Hoffmanseggia microphylla*
 85 *Physalis crassifolia*
 86 *Eschscholtzia minutiflora*
 87 *Phacelia crenulata*
 88 *Mohavea viscida*
 89 *Lupinus odoratus* ?
 90 *Plantago insularis* var. *fastigiata*
 91 *Atriplex hymenelytra*
 92 *Atriplex hymenelytra*
 93 *Phoradendron californicum*
 94
 95 *Nicotiana attenuata*
 96 *Peristyle Emoryi*
 97 *Fraseria dumosa*
 98 *Encelia farinosa*
 99 *Geraea canescens*
 5 100 Discarded
 01 Discarded
 02 *Pithecia californica*

- 3/14/28 San Jose Hills, Pomona, L.A. Co. Cal.
 3/14/28 San Jose Hills, Pomona, L.A. Co. Cal.
 3/14/28 San Jose Hills, Pomona, L.A. Co. Cal.
 2/21/28 N. Indian Hill Claremont " "
 " NE. " "
 3/18/28 Coachella V. Riverside Co.
 " Thousand Palms Can. " "
 " " " "
 " " " "
 3/17/28 Coachella V. Riverside Co.
 3/17/28 Coachella V. Riverside
 3/17/28 " " "
 3/18/28 Thousand Palms C. " "
 " " " "
 3/18/28 Thousand Palms C. " "
 " " " "
 " " " "
 " " " "
 3/17/28 Thousand Palms Can., Riverside Co. Cal.
 " " " "
 " " " "
 " " " "
 " " " "
 3/18/28 " " " "
 3/17/28 " " " "
 " Coachella V. " "
 " " " "
 " " " "
 " " " "

- 5103 *Eriophyllum Wallacei*
 04 *Plantago inularis* var. *fastigiata*
 05 discarded
 06 discarded
 07 *Cryptantha*
 08 *Lupinus bicolor*
 09 *Lotus strigosus*
 10
 11 *Nema demissum*
 12 *Achyrocline Cooperii*
 13 *Palafolia linearis*
 14 *Cryptantha barbigena*
 15 *Pluchea sericea*
 16 *Hymenoclea salsola*
 17 *Dalea Schottii* v. *puberula*
 18 *Chaenactis maerantha*
 19 *Perityle Emoryi*
 20 *Psathyrotus ramosissimus*
 21 *Eriogonum Thomasii*
 22 *Chorizanthe brevicornu*
 23 *Dalea mollis* v. *mollissima*
 24 discarded
 25 *Lepidium lasiocarpum*
 26 *Gilia latifolia*
 27 *Lotus strigosus*
 28 *Cryptantha*
 29 discarded
 30 *Cryptantha*
 31 *Pterostegia drymaroides*
 32 *Euphorbia ~~parvifolia~~ polycarpa?*
 33 *Astragalus Coulteri*
 34
 35 *Lupinus*
 36 *Rafanogonia neomexicana*

- 3/17/28 Coachella V. Riverside Co.
 2/17/28 Coachella V. Riverside Co. Cal.
 3/17/28 " " " " "
 " Banning " " "
 3/18/28 Coachella V. " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 3/17/28 " " " " " "
 3/17/28 Thousand Palms Can. Riv. Co. Cal.
 " " " " " " "
 " " " " " " "
 3/18/28 " " " " " "
 3/18/28 Thousand Palms Can. Riverside Co. Cal.
 3/17/28 Banning " " "
 3/17/28 Banning " " "
 " Coachella V. " " "
 3/17/28 Coachella V. Riv. Co. Cal.
 3/18/28 Coachella V. Riv. Co. Cal.
 3/17/28 " " " " "
 " " " " " " "
 3/17/28 Thousand Palms Can. " " "

- 37 *Bebbia juncea*
 38 *Salix exigua* Nutt. var. ? (det. C. R. Ball)
 39 *Baccharis viminea*
 40 *Chaenactis carphoclinia*
 41 *Cryptantha*
 42 Discarded
 43 *Funastrum hirtellum*
 44 *Eleocharis*
 45 *Monoptilon bellioide*
 46 *Distichlis stricta* var. *laxa*
 47 *Festuca dertonensis*
 48 Discarded
 49 *Chaenactis carphoclinia*
 50 *Chorizanthe corrugata* T. & G.
 51 *Gilia setosissima*
 52 *Gilia latifolia* ? *inconspicua*
 53 *Gilia latifolia*
 54 *Trichoptilum incisum*
 55 *Scirpus Olneyi*
 56
 57 *Croton californicus*
 58 *Croton californicus*
 59 Discarded
 60 *Melasthria californica*
 61 *Larrea divaricata* Cav.
 62 *Pectocarya platycarpa*
 63 *Pterostegia drymaroides*
 64 *Ellisia chrysanthemifolia*
 65 *Phacelia distans*
 66 *Galium aparine*
 67
 68 *Silene gallicum*
 69 *Cerastium viscosum*
 70 *Bromus hordeaceus*

- 5239 *Thysanocarpus laciniatus* v. *crenatus*
 40 *Arabis pulchra*
 41 ~~dissected~~ *Encelia parviflora*
 42 *Astragalus Layneae*
 43 *Phacelia bicolor*
 44 *Ephedra nevadensis*
 45 *Encelia frutescens* v. *actoni*
 46 *Phacelia crenulata*
 47 *Salvia funerea*
 48 *Astragalus Nuttallianus*
 49 *Gilia latiflora*
 50 *Cryptantha barbigena*
 51 *Gilia filiformis*
 52 *Gilia Matthewsii* (pale f.)
 53 *Chaenactis stenooides* v. *brachypappa*
 54 ~~dissected~~ *Criophyllum Wallacei*
 55 *Ellisia Torreii*
 56 *Ellisia micrantha membranacea*
 57 *Gilia filiformis*
 58 *Chaenactis macrantha*
 59 *Malacothrix californica*
 60 *Barbarea pauciradiata*
 61 ~~Astragalus~~ *Coulteri*
 62 *Croton californicus*
 63 *Barbarea pleniradiata*
 64 *Pectocarya setosa*
 65 *Dithyrea californica*
 66 *Nema demissum*
 67 *Gilia Matthewsii* Gray
 68 *Pluchea sericea*
 69 *Rafinesquia neomexicana*
 70 *Chorizanthe corrugata*
 71 *Gilia latifolia*
 72 *Eschscholtzia minutiflora*

269a. *Chorizanthe pleniradiata* Salt Spr. San Bern. Co. 4/7/28
 269b.

Inyo Co. - San Bernardino

- 4/9/28 Dantes View Inyo Co.
 " " " " " "
 4/8/28 Bradbury's Well " "
 4/9/28 Dantes View " "
 4/9/28 Dantes View Inyo Co.
 4/10/28 Funeral Mts. near Ryan Inyo Co.
 " Ryan " "
 4/8/28 Mts. 10 mi. N. Bradbury's well " "
 4/11/28 Funeral Mts. Hole in Rock Spr. " "
 4/9/28 Dantes View " "
 4/10/28 20 mi. S. of Ryan, plateau at head of Furnace G. Wash Inyo Co. Cal.
 4/9/28 " " " " " " "
 4/7/28 Salt Spr. San Bern. Co. Cal.
 4/12/28 Cronise V. " "
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 " " " " " "
 4/9/28 8 mi. N. Bradbury's well " "
 " " " " " "
 4/7/28 Rhodes Wash, Death V. Reg. Inyo Co. Cal.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/12/28 Cronise V. San Bernardino Co.
 " " " " " "
 4/12/28 Cronise V. San Bern. Co. Cal.
 " " " " " "
 " Yermo " " "
 " " " " " "
 " " " " " "
 4/12/28 Yermo, San Bernardino Co. Cal.
 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/8/28 Bradbury's Well. Inyo Co.
 4/7/28 Salt Spr. San Bern. Co. Cal.
 4/7/28 Salt Spr. San Bern. Co. Cal.
 " " " " " "

R. For 37E

FROM

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- 5273 *Ellisia micrantha*
 74 *Mohavea breviflora*
 75 *Dalea mollis* B. v. *mollissima*
 76 *Cleomella obtusifolia*
 77 *Lepidium lasiocarpum*
 78 *Phoradendron californicum* "
 79 *Leemnonia californica*
 80 *Pseucephyllum Elbottii*
 81 *Gilia ochroleuca* ?
 82 *Geraea canescens*
 83 *Rauleya pleriradiata*
 84 *Eriophyllum Wallacii*
 85 *Gilia latifolia*
 86 *Gama demissum*
 87 *Raphinesquia neomexicana*
 88 *Phacelia Fremontii*
 89 *Cryptantha barbigera*
 90 *Chorizanthe perfoliata*
 91 *Eriogonum inflatum* Torr. & Frem.
 92 *Amsinckia tessellata*
 93 *Sisymbrium brachycarpum*
 94 *Malacothrix californica*
 95 *Crepis Bigelovii*
 96 *Psathyrote ramosissima*
 97 *Geraea canescens*
 98 *Aster abatus*
 99 *Pectocarya linearis*
 5300 *Eschscholtzia glyptosperma*
 01 *Gilia scopulorum*
 02 *Euphorbia Parishii*
 03 *Gilia filiformis*
 04 *Gilia latiflora*
 05 *Pectocarya linearis*
 06 *Phacelia bicolor*

- 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/8/28 5 mi. S.E. Saratoga Spr. " "
 4/12/28 Yermo, San Bern. Co. Cal.
 " " " "
 4/7/28 Salt Spr. " "
 4/7/28 Salt Spr. " "
 " " " "
 4/3/28 Rhodes Wash, Death V. Reg. Inyo Co. Cal.
 4/7/28 Pigeon V. San Bern. Co.
 4/8/28 Daggett " "
 4/6/28 " " "
 4/9/28 Ryan, Furnace Cr. Wash, Death V. Reg. Inyo Co.
 4/6/28 Daggett San Bern. Co.
 4/6/28 Daggett San Bern. Co.
 " Barstow " "
 " Barstow " "
 4/6/28 Barstow, San Bern. Co. Cal.
 4/6/28 Daggett, San Bern. Co. Cal.
 " Barstow " "
 " " " "
 " Barstow " "
 4/9/28 Rhodes Wash Inyo Co.
 4/10/28 Furnace Cr. Ranch, Fl. of Death V. Inyo Co.
 4/11/28 Canyon above Stovepipe Wells Funeral Mts. Inyo Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well " "
 4/11/28 Hole in the Rock Spr. " "
 4/6/28 Barstow S.B.C.
 4/8/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/10/28 Can. above Stovepipe Well, Funeral Mts. " "
 4/7/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/8/28 Bradbury's Well D.V.R. " "
 " Mts. 5 mi. N. Bradbury's well " "
 4/9/28 " " " " " "

- 5 307 *Cryptantha barbigera*
 08 *Ellisia micrantha*
 09 *Nicotiana trigonophylla*
 10 *Lepidium Fremontii*
 11 *Cassia armata*
 12 *Lepidium flavum*
 13 *Malacothrix californica* var. *glabrata*
 14 *Barbeya plevinradia*
 15 *Malacothrix sonchoides*
 16 *Gilia punctata*
 17 *Euphorbia albomarginata*
 18 *Hofmeisteria pluriseta*
 19 *Gilia inconspicua* var. *sinnata*
 20 ~~discarded~~ *Malacothrix californica*
 21 *Phacelia crenulata*
 22 *Monoptilon bellioide*
 23 *Dalea Fremontii* v. *Saundersii*
 24 *Ellisia Torreyi*
 25 *Phacelia crenulata*
 26 *Phacelia calthifolia*
 27 *Gilia filifolia* var. *diffusa*
 28 *Phacelia calthifolia*
 29 *Dalea mollis* v. *mollissima*
 30 *Chorizanthe corrugata*
 31 *Gilia punctata*
 32 *Eriogonum Thuerberi*
 33 *Psathyotis ramosissima*
 34 *Mimulus Bigelovii*
 35 *Eschscholtzia glyptosperma*
 36 *Eriogonum inflatum*
 37 *Cryptantha micrantha*
 38 *Eriogonum reniforme*
 39 *Encelia frutescens*
 40 *Cryptantha micrantha*

- | | | |
|---------|---|---------------|
| 4/9/28 | Mts. 8 mi. N. Bradbury's Well | Inyo Co. |
| 4/11/28 | Hole in the Rock Spr. | " " |
| 4/11/28 | Hole in the Rock Spr. | Inyo Co. |
| " | Amaragossa Desert | Nye Co. |
| " | Rhodes Wash | Inyo |
| " | Death V. Jct. | Inyo Co. |
| 4/11/28 | Amaragossa Desert, | Nye Co. |
| " | " " | " " |
| " | " " | " " |
| 4/11/28 | Amaragossa Desert, Nye Co. Nev. (Death V. Jct.) | |
| 4/8/28 | Rhodes Wash | Inyo Co. Cal. |
| 4/8/28 | 5 mi n. Bradbury's Well, D.V. Reg. | Inyo Co. Cal. |
| " | Rhodes Wash | " " |
| " | Rhodes Wash | " " |
| 4/7/28 | Rhodes Wash | " " |
| 4/11/28 | S. Old Confidence Mill | " " |
| 4/8/28 | Rhodes Wash | " " |
| 4/7/28 | S. Old Confidence Mill | " " |
| " | Rhodes Wash | " " |
| 4/8/28 | 5 mi. n. Bradbury's Well, D.V.R. | Inyo Co. |
| 4/7/28 | Rhodes Wash | " " |
| 4/7/28 | " " " Saratoga Spr. - | " " |
| 4/7/28 | 5 mi. s. Saratoga Spr. San Bern. Co. Cal. | |
| 4/7/28 | 5 mi. s. Saratoga Spr. San Bernardino Co. Cal. | |
| 5/27/28 | Etiwanda, San Bern. Co. Cal. | |
| 4/7/28 | 5 mi. s. Saratoga Spr. San Bern. Co. | |
| 4/8/28 | Rhodes Wash | Inyo " |
| " | " " | " " |
| 4/9/28 | Plateau at Head of Furnace Cr. W. 20 mi. s. of Ryan, Inyo Co. | |
| 4/12/28 | Cronise V. | San Bern. Co. |
| 4/8/28 | 5 mi. n. Bradbury's Well, | Inyo Co. Cal. |
| 4/7/28 | Salt Spr. | San Bern. Co. |
| 4/6/28 | Daggett | " " |

三

S 341 Discarded

- 42 *Cryptantha micrantha*
43 Discarded
44 *Stillingia ~~arvensis~~ spinulosa*
45 *Eriogonum deflexum* var. *brachypodium*
46 *Eriogonum inflatum*
47 *Eriogonum Thomasii*
48 *Eriogonum Thomasii*
49 *Eriogonum Thomasii*
50 *Eriogonum ~~cecum~~ reniforme*
51 *Eriogonum ~~cecum~~ reniforme*
52 *Eriogonum reniforme*
53 *Eriogonum reniforme*
54 *Eriogonum gracillimum*
55 *Eriogonum gracillimum*
56 *Eriogonum pusillum*
57 *Chorizanthe brevicornu*
58 *Chorizanthe brevicornu*
59 *Plantago insularis* var. *fastigiata*
60 *Plantago insularis* var. *fastigiata*
61 *Plantago insularis* var. *fastigiata*
62 *Plantago insularis* var. *fastigiata*
63 *Plantago insularis* var. *fastigiata*
64 *Plantago insularis* var. *fastigiata*
65 *Scirpus Olneyi*
66 *Scirpus paludosus*
67 *Sisymbrium brachycarpum*
68 *Draba cuneifolia* v. *brevifolia*
69 *Caulanthus lasiocarpus*
70 *Eschscholtzia glyptosperma*
71 *Lygodesmia exigua*
72 *Eschscholtzia minutiflora*
73 *Eschscholtzia minutiflora* v. *darwinensis*
74 *Mohavea breviflora*

4/13/28 Amargosa Desert

Mye Co.

- | | | |
|---------|---------------------------------|----------------------------|
| 4/12/28 | Cronise V. | San Bern. Co. Cal. |
| 4/8/28 | Rhodes Wash, | Inyo Co. Cal. |
| 4/11/28 | Hole in the Rock Spr. | Inyo Co. Cal. Funeral Mt. |
| 4/7/28 | Salt Spr. | San Bern Co. Cal. |
| 4/6/28 | Barstow, | San Bern. Co. Cal. |
| 4/6/28 | Daggett, | San Bern. Co. Cal. |
| 4/11/28 | Amargosa Desert, | Nye Co. Nev. |
| 4/12/28 | Cronise V. | San Bern. Co. Cal. |
| 4/9/28 | Furnace Cr. Wash. | Inyo Co. Cal. |
| 4/6/28 | Daggett, | San Bern. Co. Cal. |
| 4/6/28 | Barstow | |
| 4/9/28 | Mts. 10 mi. n. Bradbury's Well. | Inyo Co. Cal. |
| 4/6/28 | Barstow Daggett, | San Bern. Co. Cal. |
| 4/6/28 | Daggett, | |
| 4/12/28 | Yermo | |
| 4/6/28 | Daggett | |
| 4/11/28 | Hole in the Rock Spr. | Funeral Mts. Inyo Co. Cal. |
| 4/7/28 | Saratoga Spr. | San Bern. Co. Cal. |
| 4/7/28 | Riggs V. | |
| " | Rhodes Wash, | Inyo Co. Cal. |
| " | Saratoga Spr. | S. B. Co. |
| " | Saratoga Spr. | S. B. Co. |
| 4/9/28 | hd. Furnace Cr. | Inyo |
| 4/8/28 | Rhodes Wash | " " |
| " | Bradbury Well. | " " |
| 4/10/28 | Ryan, Furnace Cr. | Inyo Co. |
| 4/9/28 | Furnace Cr. Wash | " " |
| 4/9/28 | Rhodes Wash | " " |
| 4/8/28 | Bradbury's Well | " " |
| 4/7/28 | S. Old Confidence Mill | Inyo Co. |

- 5375 *Castilleja*
 76 *Collinsia heterophylla*
 77 *Asmorrhiza brachypoda*
 78 *Distichlis stricta*
 79 *Polypogon monspeliensis*
 80 *Festuca octoflora* v. *hirtella*
 81 *Helianthus rigida*
 82 *Pterostegia drymaroides*
 83 *Stipa speciosa*
 84 *Phoradendron californica*
 85 *Salvia columbariae*
 86 " "
 87 *Encelia frutescens*
 88 *Prosopis pubescens*
 89 *Astragalus lentiginosus* v. *Fremontii*
 90 *Penstemon Emoryi*
 91 *Bebbia juncea* v. *aspera*
 92 *Lygodium edgwayi*
 93 *Scleranthus edgwayi*
 94 *Acanthopappus Stockleyi*
 95 *Atriplex platyphylla*
 96 *Chaenactis carphoclinia*
 97 *Encelia frutescens* v. *actoni*
 98 *Anisocoma acaulis*
 99 *Cryptantha angustifolia*
 5400 *Cryptantha costata*
 01 *Cryptantha*
 02 *Cryptantha*
 03 *Cryptantha circumscissa*
 04 *Cryptantha*
 05 *Cryptantha costata*
 06 *Cryptantha barbigena*
 07 *Cryptantha*
 08 *Chenopodium murale*

5382a *Stipa speciosa* 4/8 Dantes View, Inyo Co.

- 4/8/28 10 mi. N. Bradbury Well Inyo Co.
 4/11/28 San Dimas Puente Hills L.P. Co.
 3/11/28 Claremont Cobles Can. " "
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Dantes View Inyo Co.
 4/12/28 Yermo San Bernardino Co.
 4/11/28 Rindingsstone Can. San Dimas, L.A. Co. Cal.
 " Funeral Mts. Inyo Co.
 4/9/28 Shoshone " "
 4/8/28 Mts. 10 mi. N. Bradbury Well " "
 " Bradbury Well " "
 " " " "
 4/9/28 Shoshone " "
 " Rlat. at hd. Furnace Cr. Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " Salt Spring San Bern. Co.
 " " " "
 4/12/28 Cronie V. " "
 4/11/28 Funeral Mts. Inyo Co.
 4/7/28 Old Confidence Mill " "
 4/7/28 Saratoga Spr. San Bernardino Co.
 4/11/28 Hole in the Rock Spr. Inyo Co.
 4/11/28 Amaragosa River Inyo Co.
 4/6/28 Daggett San Bern. Co.
 4/7/28 " " " "
 " " " " " "
 " " " " " "
 4/12/28 Yermo " "
 4/4/28 Dantes View Inyo " "
 4/7/28 Riggs V. San Bern. Co.
 " Rhodes Wash Inyo " "
 " " " " " "
 " " " " " "
 4/8/28 Bradbury's well " "

Steven P. Darwin

- 5409 *Eriophyllum ambiguum*
 10 *Atriplex polycarpa*
 11 *Sarcobatus vermiculatus*
 12 *Grayia spinosa*
 13 *Stylidium gnaphalioides* Nutt.
 14 *Galium stellatum*
 15 *Nemacladus glandulosus* var. *orientalis* Mc Vaughn
 16 *Dalea Fremontii* var. *laundersii*
 17 *Amphispappus fremontii* T. & G.
 18 *Festuca dertonensis*
 19 *Physalis crassifolia*
 20 *Grayia spinosa*
 21 *Nemacladus rubescens* var. *tenuis*
 22 *Senecio mohavensis*
 23 *Cressa truxillensis*
 24 *Streptanthella longirostris*
 25 *Nitrophila occidentalis*
 26 *Bromus mollis* rubens
 27 *Phacelia*
 28 *Stylidium micropoides*
 29 *Gilia filifolia* Gray var. *pauciflora* (Ledeb.)
 30 *Streptanthella longirostris*
 31 *Cryptantha*
 32 *Nemacladus rubescens* Greene
 33 *Nemacladus rubescens* Greene
 34 *Nemacladus rubescens* Greene
 35 *Isola pedunculata*
 36 *Oligomeris linifolia*
 37 *Sphaeralcea ambigua*
 38 *Mentzelia albicaulis*
 39 *Oligomeris linifolia*
 40 *Malvastrum rotundifolium*
 41 *Tidestromia oblongifolia*
 42 *Anemopsis californica*
 43 *Malvastrum rotundifolium*

- 4/8/28 Bradbury's Well Inyo Co.
 4/11/28 Amargosa Desert Inyo Co.
 4/11/28 Death V. Jct. Amargosa Desert Inyo Co.
 4/6/28 Barstow San Bern. Co.
 4/8/28 5 mi. N. Bradbury's Well Inyo Co.
 4/8/28 8 mi. N. Bradbury's Well Inyo Co.
 4/11/28 near Hole in Rock Spr. Funeral Mts. " "
 4/8/28 Rhodes Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " " " " "
 4/9/28 Plateau at head of Furnace Cr. Wash. " "
 4/7/28 " " " " "
 4/6/28 Rhodes Wash " "
 4/7/28 Saratoga Spr. S.B. Co.
 4/10/28 Hole in the Rock Spr. Funeral Mts. Inyo Co.
 4/7/28 Saratoga Spr. S.B. Co.
 4/9/28 Furnace Creek Wash Inyo Co.
 4/12/28 Yermo, San Bern. Co.
 4/7/28 Salt Spr. San Bern. Co.
 4/7/28 Salt Spr. San Bernardino Co. Calif.
 4/12/28 Yermo, " " "
 4/7/28 Riggs V. " " "
 4/12/28 Cronise V. " " "
 4/6/28 Daggett " " "
 4/6/28 Daggett " " "
 4/11/28 Puente Hills, San Dimas. Los Angeles Co.
 3/17/28 Thousand Palms C. Riverside Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well, Inyo Co. Cal.
 " Bradbury's Well " " "
 " " " " "
 4/9/28 Ryan, Furnace Cr. Wash. D.V.R. " "
 4/10/28 Funeral Mts. Can. above Stove Pipe Wells " "
 4/7/28 Saratoga Spr. San Bern. Co. Cal.
 " " " " "

- 5443 *Mentzelia gracilentia* var. *Veatchiana*
 44 *Menodora spinescens*
 45 *Heperocallis undulata*
 46 *Sesuvium verrucosum*
 47 *Thamnosma montana*
 48 *Malvastrum rotundifolium*
 49 *Mentzelia reflexa*
 50 *Eucnide urens*
 51 *Achyroxychia Cooperi*
 52 *Garrya Veatchii*
 53 *Oligomeris linifolia*
 54 *Juncus Cooperi*
 55 *Mentzelia albicaulis*
 56 *Nemacladus rigidus* var. *rubescens*
 57 *Furcraea hirtellum*
 58 *Lupinus shockleyi*
 59 *Lupinus odoratus*
 60 *Lupinus brevicaulis* Wats. ?
 61 discarded
 62 discarded
 63 *Nicotiana glauca*
 64 *Matricaria matricarioides*
 65 *Lactuca scariola*
 66 *Lonchus oleraceus*
 67 discarded
 68 *Chenopodium album*
 69 *Grapphalium spathulatum*
 70 *Portulaca oleracea*
 71 *Microseris ~~bimaculata~~ ? montana?*
 72 *Phacelia brachyloba*
 73 *Phorad*
 74 *Erigeron foliosus*
 75 *Phoradendron densum*
 76 *Arabis Parishii*

- 4/9/28 Dante's View, D.V.R. Inyo Co. Cal.
 4/8/28 Plateau at head of Furnace G.W., Inyo Co.
 4/11/28 5 mi. n. of Yermo, San Bern. Co. Cal.
 4/10/28 Silver Lake
 4/9/28 20 mi. s. of Ryan, ^{head of} Furn. G. Wash., Inyo Co. Cal.
 4/10/28 Ryan
 4/8/28 7 mi. s. of Old Confidence Mill
 4/7/28 5 mi. s. of Saratoga Spr. San Bern. Co.
 4/6/28 Cajon Pass
 4/7/28 Riggs V.
 4/6/28 Saratoga Spr.
 4/6/28 Daggett
 4/7/28 Salt Spr.
 4/10/28 Cronise V.
 4/7/28 Rhodes Wash Inyo Co.
 4/9/28 Dante's View D.V.R.
 4/15/28 Claremont, Los Angeles Co
 4/22/28 Cushenbury Spr. San Bernardino Co., Cal.
 Devore
 Cushenbury Can.
 Devore
 Cushenbury Can.
 Baldwin Lake, San Bernardino Mt.

- 5477 *Lomatium nevadense* var. *Parishii*
 78 *Collinsia pauciflora*?
 79 *Viola Douglasii*
 80 *Astragalus Purshii* var. *lectulus*
 81 *Malacothrix Clevelandii*
 82 *Tetradymia spinosa* var. *longispina*
 83 *Phlox austromontana* var. *vera*
 84 *Trifolium microcephalum*
 85 *Salazaria mexicana*
 86 *Arctostaphylos pungens*
 87 *Eriogonum penduliflorum*
 88 *Phoradendron villosum*
 89 *Quercus chrysolepis*
 90 *Gilia virgata* var. *ambigua*
 91 *Potentilla argyrocoma*
 92 *Purshia glandulosa*
 93 *Briellia arguta*
 94 *Ranunculus californicus* var. *Ludovicianus*
 95 *Coleogyne ramosissima*
 96 *Calyptridium monandrum*
 97 *Scutellaria tuberosa*
 98 *Microsteris gracilis*
 99 *Potentilla gracilis*
 5500 *Atriplex confertifolia*?
 01 *Eremocarpus setigerus*
 02 *Micropus californicus*
 03 *Chorizanthe Parryi*
 04
 05 *Chorizanthe procumbens*
 06
 07
 08
 09 *Castilleja foliolosa*
 10 *Helianthus gracilentus*

- 4/22/28 Baldwin Lake, San Bernardino Mt., San Bern. Co. Cal.
 Bear Valley
 Baldwin Lake
 Devore
 Cushenbury Ranch
 Baldwin Lake
 Devore
 Cushenbury Can.
 near Lake Arrowhead
 Devore
 Cushenbury Can.
 Victorville
 Bear Valley
 Cushenbury Ranch
 Victorville
 Bear Valley
 Cushenbury Ranch
 Devore
 Bear Valley San Bern. Mt.
 Cushenbury Spr.
 5/1/28 Claremont, Indian Hill, Los Angeles Co. Cal.
 5/1/28
 May 1928 San Antonio Can. Mts., above Claremont, Los Angeles Co.

- 5511 *Lotus Davidsonii*
 12 *Lonicera subspicata*
 13 *Cirsium occidentale*
 14 *Gilia brevicula*
 15 *Lambucus coerulea*
 16 *Rhamnus californica*
 17 *Gnaphalium californicum*
 18 ~~*Cirsium californicum*~~
 19 ~~*Stachys albens*~~
 20 ~~*Acer macrophyllum*~~ ^{*Cordyllopsis filaginifolia*} var. *Bernardina*
 21 ~~*Eschscholtzia caespitosa*~~ *Cirsium californicum*
 22 Discarded
 23 *Ellisia chrysanthemifolia*
 24 Discarded
 25 Discarded
 26 Discarded *Petunia parviflora*
 27 *Pluchea camphorata*
 28
 29
 30 Discarded
 31 *Stachys albens*
 32 *Acer macrophyllum*
 33 *Eschscholtzia caespitosa*
 34 *Rhus diversiloba*
 35 *Gilia californica*
 36 *Ceanothus crassifolius*
 37 *Bromus tectorum*
 38 *Gilia gilioides*
 39 *Eriodictyon trichocalyx*
 40 *Quercus chrysolepis*
 41 *Prunus ilicifolia*
 42 *Gilia tenuiflora* var. *altissima*
 43
 44

May 1928 San Antonio Can., Mts. above Claremont, Los Angeles Co.

11/4/28 Cobles Can. Claremont

May 1928 San Antonio Can. Mts. above Claremont, L.A. Co.

3/6/29 San Timates Can., Redlands, San Bernardino Co.

3/6/29 San Timates Can. Redlands, San Bernardino Co.

10/6/28 Santa Ana River

Riverside Co

10/6/28 Santa Ana River

Riverside Co

May 1928 San Antonio Can. Mts. above Claremont, L.A. Co.

S 545

- 46 *Apiastrum angustifolium*
- 47 *Orobanche fasciculata*
- 48 *Collinsia Parryi*
- 49 *Nemacladus ramosissimus*
- 50 *Ellisia chrysanthemifolia*
- 51 *Styrax officinalis* var. *fulvaceus*
- 52 *Mimulus longiflorus*
- 53 *Pterostegia drymaroides*
- 54 *Juncus mexicanus*
- 55 *Malvastrum exile*
- 56 *Sisymbrium pinnatum*
- 57 *Lepidium Fremontii*
- 58 *Stillingia linearis* var. *paucidentata*
- 59 *Hymenoclea salsola*
- 60 *Eriogonum inflatum*
- 61 *Chorizanthe brevicornu*
- 62 *Chaenactis carphoclini* var. *attenuata*
- 63 *Gilia latiflora*
- 64
- 65 *Oenothera desertiana* var. *desertorum*
- 66 *Eriogonum angulosum*
- 67 *Eriogonum nidularium*
- 68 *Gilia Matthewsii*
- 69 *Eriogonum pusillum* 7. x 9.
- 70 *Eurotia lanata*
- 71 *Lycium Toneyi*
- 72 *Salvia carnosu*
- 73 *Lupinus concinnus*
- 74 *Lupinus odoratus*
- 75 *Glyptopleura marginata* var. *setulosa*
- 76 *Chorizanthe Thurberi*
- 77 *Juniperus californicus*
- 78 *Coreopsis calliopsidea*?

- 4/21/28 Hills south of Devore, San Bernardino Co.
 4/21/28 Hills south of Devore, San Bernardino Co.
 4/21/28 Hills south of Devore, San Bernardino Co.

Camp Cajon
 Victorville

10 mi S.

- 5579 *Layia glandulosa*
 80 *Gilia Schottii*
 82 *Calyptrothidium monandrum*
 81 *Gilia Parryi*
 83 *Lomatium nevadense* var. *Parishii*
 84 *Aster abatus*
 85 *Pectocarya platycarpa*
 86 ~~*Stenotaphrum*~~ ^{*Papposapphus*} *linearifolius*
 87 *Cercocarpus betuloides* Nutt.
 88 *Cryptantha muricata*
 89 *Gilia capitata* var. *achillaeifolia*
 90 *Mimulus brevipes* Benth.
 91 *Oenothera micrantha*
 92 *Gnaphalium californicum* DC.
 93 *Emmenanthe penduliflora* L.
 94 *Filago californica*
 95 *Antirrhinum strictum*
 96 *Ceanothus divaricatus*
 97 *Styrax officinalis* L. var. *fulvescens*
 98 *Adenostoma fasciculata*
 99 *Mulla serotina*
 5600 *Cryptantha intermedia*
 01 *Meconella oregana* var. *californica*
 02 *Platystemon californicus*
 03 *Scrophularia californica*
 04 *Godetia quadrivulnera*
 05 *Gilia dianthoides*
 06 *Chaenactis glabriuscula* var. *tenuifolia*
 07 *Oenothera micrantha* var. *Jonesii*
 08 *Silene antirrhina*
 09 *Oenothera bistorta* var. *Veitchiana*
 10 *Mentzelia micrantha*
 11 *Chorizanthe Parryi*
 12 *Oenothera leptocarpa*

- 5681 *Chorizanthe Parryi*
82 *Ribes nevadense* Kell.
83 *Arnica californica* ?
84 ~~Salix~~ *lasiantha* v. *lanceifolia*
85 *Senecio vulgaris*
86 *Atriplex semibaccata*
87 *Encelia californica*
88 *Abronia maritima*
89 *Zostera marina*
90 *Solanum elaeagnifolium*
91 *Eriogonum Thurberi*
92 *Vicia californica* Greene
93 *Pinus attenuata* Lemmon
94 *Oenothera bistorta* Hook. var. *deitchiana* Hook.
95 *Madia exigua* (Lm.) Greene
96 *Lotus americanus* (Muhl.) Bisch.
97 *Vitis girdiana*
98 *Asclepias mexicana*
99 *Lettaria sphacelata* det Swallen
5700 *Rorippa curvisiliqua*
1 *Galvezia*
2 *Plantago lanceolata*
3 *Echinochloa crusgalli*
4 *Eragrostis diffusa*
5 *Gnaphalium palustre*
6 *Solanum villosum*
7 *Solanum nigrum*
8 *Hemizonia Wrightii* var. *Kelloggii*
9 *Jussiea californica*
10 *Cryptantha*
11 *Beloperone californica*
12 *Pyptis Emouyi*
13 *Pyptis californica*
14 *Lotus scoparius* var. *brevialatus*

- | | | |
|-----------|---|----------------------|
| May 1928 | Etiwanda | San Bernardino Co. |
| " | near Lake Arrowhead | " |
| " | City Creek gr. | " |
| 3/2/29 | San Dimas | S.D. Co. |
| " | " | " |
| 10/30/28 | Laguna Beach | Orange Co. |
| 3/9/29 | Balboa Bay | Orange Co. |
| " | " | " |
| 3/9/29 | Newport Bay | Orange Co. |
| 5/9/29 | Claremont | S.D. Co. |
| " | " | " |
| May 1928 | Rim of the World Dr., San Bernardino Mts. | S.D. Co. |
| " | Top of City Creek grade, S. Bern. Mts. | " |
| " | Etiwanda | " |
| " | City Creek grade | " |
| " | " | " |
| " | City Creek | " |
| June 1928 | Stockton | San Joaquin Co. Cal. |
| " | Turlock | Stanislaus Co. |
| " | " | " |
| 12/17/27 | Punta Banda, Todos Santos Bay, 20 mi. S. Ensenada | Baja Calif. Mex. |
| June 1928 | Turlock | Stanislaus Co. Cal. |
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| 3/30/29 | Palm Springs, Andreas Canyon | Riverside Co. |
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- 5749 *Vicia ~~salva~~ exigua* Mutt.
 50 *Salvia mellifera*
 51 *Lathyrus strictus*
 52 *Trifolium amplexens* var. *stenophyllum*
 53 *Bowlesia incana*
 54 *Pectocarya linearis* var. *ferocula*
 55 *Thysanocarpus laciniatus* var. *ramosus*
 56 *Plantago Hookeriana* var. *californica*
 57 *Convolvulus occidentalis* var. *cyclostegius*
 58 *Viola pedunculata*
 59 *Galium aparine*
 60 *Astragalus leucopsis*
 61 *Quercus dumosa*
 62 *Crossosoma californica*
 63 *Mirabilis laevis*
 64 *Echinocystis macrocarpa*
 65 *Rhamnus crocea* var. *insularis*
 66 *Lotus scoparius* var. *dendroideus*
 67 *Artemisia californica*
 68 *Echinocystis macrocarpa*
 69 *Echinocystis macrocarpa*
 70 *Solanum Xanti* var. *Wallacei*
 71 *Eriophyllum confertiflorum* var. *trifidum*
 72 *Prunus Lyonii*
 73 *Heterotheca grandiflora*
 74 *Ceanothus arboreus*
 75 *Ellisia chrysanthemifolia*
 76 *Symphoricarpos albus* var. *mollis*
 77 *Phacelia hispida*
 78 *Trifolium involueratum* Orl. ?
 79 *Lotus argophyllum* var. *ornithopus*
 80 *Spergularia macrotheca*
 81 *Crotopsis gigantea*
 82 *Perityle Emoryi*

5749a *Thysanocarpus laciniatus* aff. var. *conuliferus*
 Avalon Can. Sta. Cat. 9, L.A. Co.
 5759a *Nemophila racemosa*
 Hamilton C. Sta. Cat. 9, L.A. Co.
 5778a *Nemophila racemosa*
 Hamilton C. Sta. Cat. 9, L.A. Co.

4/6/1929 Avalon Can. Santa Catalina I. Los Angeles Co.

4/7/29 Hamilton Can.

near St. Catharine Hotel
 4/8/29 Avalon-Pebbly Beach Rd.

FROM Steven P. Darwin

- 5783 *Lupinus succulentus*
 84 *Malacothrix incana*
 85 *Castilleja ~~foliolosa~~ hololeuca*
 86 *Kentranthus rubra*
 87 *Spergularia*
 88. *Oenothera leptocarpa* Greene
 89 *Eriogonum nudum*
 90 *Oenothera bipectata* von Hallii
 91 *Lupinus*
 92 *Antirrhinum Coulteriianum*
 93 *Mirabilis Froebelii*
 94 *Lupinus cosentinus*
 95 *Petasis lanceolata*
 96 *Juniperus californica*
 97 *Phoradendron densum*
 98 *Condalia Parryi*
 99 *Euphorbia albomarginata*
 5800 *Euphorbia melanadenia*
 1 *Eriogonum fasciculatum* var. *polifolium*
 2 *Eriogonum baileyi*
 3 *Encelia farinosa*
 4 *Sphaeralcea ambigua*
 5 Discarded
 6 *Lepidium lasiocarpum*
 7 *Gilia Schottii*
 8 *Juncus bufonius*
 9 *Mirabilis tenuifolia*
 10 *Polypogon monspeliensis*
 11 *Boottia caribaea*
 12 *Eriogonum reniforme*
 13 *Eriogonum fasciculatum* v. *polifolium*
 14 Discarded
 15 *Eriogonum inflatum*
 16 *Prosopis chilensis* v. *glandulosa*

4/8/29 Avalon - Pebbly Beach, Rd. Santa Catalina I. L.A. Co.

[illegible]

- 51 *Quercus Kelloggii*
- 52 *Sidalcea malvaeflora*
- 53 *Pinus Coulteri*
- 54 *Ranunculus californicus* var. *ludoviciana*
- 55 *Platystemon californicus*
- 56 *Mimulus puniceus*
- 57 *Calochortus splendens*
- 58 *Oenothera micrantha* var. *Jonesii*
- 59 " *bistorta* var. *Sentchiana*
- 60 *Antirrhinum Coulterianum*
- 61 *Phacelia grandiflora*
- 62 *Viola purpurea*
- 63
- 64 *Clematis pauciflora*
- 65 *Agelias californica*
- 66 *Lathyrus latiflorus*
- 67 *Oenothera divaricata*
- 68 *Collinsia concolor*
- 69 *Oenothera contorta* var. *epilobioides*
- 70 *Arenaria Douglasii*
- 71 *Solanum Xanti* var. *glabrescens*
- 72 *Thysanocarpus laciniatus*
- 73 *Miconella orezona* var. *denticulata*
- 74 *Senecio californicus*
- 75 *Clerkia delicata*
- 76 See *Stellaria*
- 77 *Baccharis viminea*
- 78 *Melilotus indica*
- 79 *Vitis girdiana*
- 80 *Lotus eriophorus*
- 81 *Alnus rhombifolia*
- 82 *Haplopappus squarrosus*
- 83 *Arctostaphylos canescens*
- 84 *Lupinus concinnus* var. *Agardhianus*

5885 *San Felipe Eriodictyon trichocalyx* v. *lenatum*

86 *Trifolium variegatum*

87 *Castilleja foliolosa*

88 *Lithophragma affinis*

89 *Rhamnus crocea* var. *ilicifolia*

90 *Valeriana arguta*

91 *Prunus eriogyna*

92 *Quercus dumosa*

93a *Setaria parviflora*

93 *Lytthrum californicum*

94 *Gastrophysalis ventricosa*

95 *Chenopodium ambrosioides*

96 *Eriogonum fasciculatum*

97 *Isobatis arborea*

98 *Lycium californicum*

99 *Hemizonia*

5900 *Artemisia californica*

1

2 *Encelia californica*

3 *Atriplex californica*

4 *Rhus integrifolia*

5 *Aplopappus venetus* v. *vernonioides*

6 *Atriplex semibaccata*

7 *Suaeda californica*

8 *Juncus balticus*

9 *Frankenia grandifolia*

10 *Salix lasiolepis*

11 *Verbena prostrata*

12 *Jaumea carnosa*

13 *Amorpha fruticosa*

14 *Artemopsis californica*

15 *Scirpus Alneji*

16 *Oenothera sarmentosa*

17 *Mimulus guttatus*

18 *Aplopappus venetus* v. *vernonioides*

5/5/29 San Felipe R. above Banner San Diego Co.

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6/8/29 Divers Cove, Laguna Beach Orange Co.

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6/8/29 San Mateo River San Diego Co.

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- 5953 *Coreopsis gigantea* (Kell.) Hall
 54 *Artemisia californica*
 55 *Baccharis viminea*
 56 *Silene gallica*
 57 *Photinia arbutifolia*
 58 *Gnaphalium bicolor*
 59 *Rhus integrifolia*
 60 *Dentaria integrifolia* v. *californica*
 61 *Avena barbata*
 62 *Tillaea erecta*
 63 *Mimulus guttatus*
 64 *Stellaria media*
 65 *Convolvulus occidentalis* v. *macrostegius*
 66 *Lepechinia calycina* v. *Wallacei*
 67 *Rhus diversiloba*
 68 *Quercus agrifolia*
 69 *Plantago hookeriana* v. *californica*
 70 *Lotus subpinnatus*
 71 discarded
 72 *Quercus Wilkizenii*
 73 discarded
 74 *Trifolium microcephalum*
 75 *Pterostegia drymaroides*
 76 *Venegasia carpesioides*
 77 *Lotus strigosus*
 78 *Mimulus longiflorus* ?
 79 *Prunus fasciculata*
 80 *Potentilla saxosa*
 81 *Pinus monophylla*
 82 *Rhamnus crocea* var. *ilicifolia*
 83 discarded
 84 discarded
 85 *Baccharis serpylloides*
 86 *Rhus trilobata* var. *anisophylla*

- 3/26/29 Santa Cruz Island, Eatons Camp Sta. Barb. Co.
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 3/25/29 " " " " W. Eatons
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 3/26/29 " " " " near Eatons
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 3/25/29 " " " " W. " "
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 3/24/29 " " " " near Ranch
 " " " " " "
 " " " " " near Eatons
 " " " " " near Ranch
 " " " " " " Eatons
 " " " " " "
 5/12/29 ^{above} Keys Ranch, Riverside Co.
 " ^{above} " " " "
 " ^{above} " " " "
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P. R. For

FROM

Steven P. Darwin
Plant Biology

S987 *Acacia fegqii*

88

89 *Baccharis sarothroides*90 *Amsonia brevifolia*91 *Amsonia brevifolia* var. *tomentosa*92 *Tetradymia spinosa* var. *longispina*93 *Lycium Andersonii*?94 *Pucephyllum Schottii*95 *Tetradymia spinosa* var. *longispina*96 *Acampopappus sphaerocephalus*97 *Chorizanthe staticoides*98 *Gilia eremica*99 *Molina Parryi*S1000 *not listed*

1 discarded

2 *Gnaphalium chilense*3 *Rhipha curvisiliqua*?4 *Scirpus validus* Vahl5 *Polypogon monspeliensis*6 *Cyperus erythrorhizos*7 *Juncus bufonius*8 *Gnaphalium palustre*9 *Cressa truxillensis*10 *Lonchus asper*11 *Lida hederacea*

12 discarded

13 *Epilobium californicum*14 *Cynodon dactylon*15 *Polygonum aviculare*16 *Salix Goodingii*17 *Centaurea melitensis*18 *Rumex crispus* L.

19 discarded

20 *Verbena bracteata*

5/12/29 above Keys Ranch

Riverside Co.

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wash below Keys Ranch

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above

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wash below

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bet. Whitewater & Cabazon

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above Keys Ranch

5/22/29 Upper Laguna Lake

Orange Co.

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FROM
Steven P. Darwin
Plant Biology

- 510 21 *Salix gooddingii*
 22 *Picris echioides*
 23 *Lotus americanus*
 24 *Calyptridium monandrum*
 25 *Oenothera californica*
 26 *Eriogonum Thurberi*
 27 *Mimulus Fremontii*
 28 *Penstemon antirrhinoides*
 29 *Galium angustifolium*
 30 *Scrophularia californica*
 31 *Phacelia distans*
 32 *Lupinus formosus*
 33 *Malvastrum fasciculatum*
 34 *Pectocarya linearis* v. *ferocula*
 35 *Castilleja*
 36 *Mimulus brevipes*
 37 *Asclepias californica*
 38 *Mirabilis laevis*
 39 *Ellisia chrysanthemifolia*
 40 *Yucca mohavensis*
 41 *Rhamnus crocea*
 42 *Rorippa nasturtium*
 43 *Colula coronopifolia*
 44 *Scirpus americanus*
 45 *Scirpus Olneyi*
 46 *Juncus xiphioides*
 47 *Mimulus guttatus*
 48 *Ranunculus cymbalaria* v. *saximontanus*
 49 *Scirpus paludosus*
 50 *Eleocharis*
 51 *Epilobium*
 52 *Artemisia tridentata*
 53 *Rumex crispus*
 54 *Astragalus pomonensis*

5/23/29 Upper Laguna Lake Orange Co.

5/4/29 Oak Grove S. D. Co.

5/3/29 Pajonero Mts. Head of Temecula V. Riv. Co.

5/3/29 Palomar Mts. Head of Temecula V. " "

ditto

Temecula Riv. Bridge above Inland Route Br. " "

ditto

Upper Temecula V.
 Temecula R. above Inland Route Br.
 Upper Temecula V.

FROM Steven F. Darwin Bent Biology

- 51055 *Salvia carduacea*
 56 *Oenothera litorata* v. *Veitchiana*
 57 *Abronia villosa*
 58 *Plagiobothrys*
 59 *Chaenactis glabrescens*
 60 *Oenothera contorta* v. *epitobica*
 61 *Oenothera litorata* v. *Veitchiana*
 62 *Sisymbrium altissimum*
 63 *Astragalus Douglasii*
 64 *Eriogonum Thunbergii*
 65 *Phacelia hispida*
 66 *Phacelia minor*
 67 *Lathyrus strictus*
 68 *Adenostema sparsifolium*
 70 *Eriodictyon crossifolium*
 71 *Mimulus longiflorus*
 72 *Argemone platyceras*
 73 *Oenothera micrantha* v. *ignota*
 74 *Chaenactis*
 76 *Phoradendron longispicum*
 75
 77 *Chorizanthe brevicornis*
 78 *Eriogonum gracile*
 79 *Cassia armata*
 80 *Fouquieria splendens*
 81 *Beloperone californica*
 82 *Agave deserti*
 83 *Atriplex*
 84 *Hyptis Emoryi*
 84a *Chilopsis linearis* v. *acutata*
 85 *Trixis californica*
 86 *Sisymbrium brachycarpum*
 87 *Cryptantha*
 88 *Chalchophila* T. & G.

5/3/29 Upper Temecula V.
 Temecula R. 10 mi above Temecula

ditto

Head Temecula V.

V. near Aguanaga

Head of Temecula V

5/4/29 Upper San Felipe V

S.D.C.

Lower San Felipe C.

Borego V

Lower San Felipe C. below Yagui Wells

" " " " above " "

" " " " below " "

Borego V.

" " mouth of Palm Can.

ditto

S1089 *Eleocharis*90. *Hulsea vestita callicarpa* Hall91 *Layia*92 *Nemophila rotata* v. *integrifolia*93 *Lotus strigosus*94 *Sisymbrium pinnatum*95 *Collinsia concolor*96 *Lupinus concinnus* v. *Oreuttii*97 *Oenothera contorta* v. *epilobioides*98 *Gilia*99 *Athyrium pusillus*S1100 *Anisocoma acaulis*1 *Plagiobothrys*2 *Phacelia brachyloba*3 *Eriogonum Thurbii*4 *Trifolium obtusiflorum*5 *Lemna*6 *Mesembryanthemum nodiflorum*7 *Velaea arguta*8 *Mimulus brevipes*9 *Stipa coronata*10 *Erigeron foliosus*11 *Graptophyllum californicum*12 *Tetradymia comosa*13 *Daucus pusillus*14 *Galium angustifolium*15 *Rhus laurina*16 *Chorizanthe staticoides*17 *Centaureum venustum*18 *Cuscuta*

19 discarded

20 Lichen, see T295

21 *Lycium californicum*22 *Atriplex canescens*

5/4/29 Warner's Hot Spr., San Luis Rey Riv.

Oak Grove

1/2 way bet Oak Grove & Warner's Hot Spr.

ditto

← Warner's Hot Spr.

8/29/29 La Jolla

5/31/29 Claremont

" "

" "

ditto

5/31/29 Claremont

L.Q. Co.

ditto

5/30/29

N. Coronado I.

" " " " " "

S 1157

- 58 ~~Aplopappus~~ *Gutierrezia sarothrae*
- 59 *Aplopappus*
- 60 *Ribes velutina*
- 61 *Astragalus lentiginosus* v. *nigricalyx*
- 62 ~~same as 51143~~
- 63 *Galium angustifolium*
- 64 *Chorizanthe strobiloides*
- 65 *Salvia spathacea*
- 66 *Clematis lasiantha*
- 67 *Ceanothus oliganthus*
- 68 *Rhamnus crocea* v. *ilicifolia*
- 69 *Ellisia chrysanthemifolia*
- 70 *Ceanothus oligantha*
- 71 *Cryptantha*
- 72 *Galium Nuttallii*
- 73 *Allium peninsulae*
- 74 *Eriogonum Thomasii*
- 75 *Mimulus guttatus*
- 76 *Cotula coronopifolia*
- 77 *Lupinus succulentus*
- 78 *Ephedra viridis*
- 79 *Plagiobothrys*
- 80 *Lupinus concinnus* var. *optatus*
- 81 *Phacelia californica* v. *calycosa*
- 82 *Cryptantha*
- 83 *Emmenanthe penduliflora*
- 84 *Juncus balticus*
- 85 *Aplopappus linearifolius*
- 86 *Malvastrum Parryi*
- 87 Same as 51186. *Galium aparine*
- 88 *Ephedra viridis*
- 89 *Aplopappus cuneatus* v. *spatulatus*
- 90 *Pomatium intricatum*

4/14/29

Carneros Springs

Kern Co.

4/14/29

Carneros Springs

Kern Co.

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4/12/29

Santa Susana Pass

S.G. Co.

4/12/29

Santa Susana Pass

S.G. Co.

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4/14/29

Carneros Springs

Kern Co.

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Carneros

- S 1191 *Papaver heterophyllum*
 92 *Plagiobothrys*
 93 *Lithophragma cymbalaria*
 94 *Juncus bufonius*
 95 *Acer negundo* v. *californicum*
 96 *Platanus racemosa*
 97 *Nemophila aurita*
 98 same as S 1172
 99 *Montia perfoliata*
 S 1200 *Vicia major*
 1 *Conium maculatum*
 2 *Rubus vitifolius*
 3 *Atriplex spinifera*
 4 *Sanicula bipinnatifida*
 5 *Cryptantha*
 6 *Thysanocarpus laciniatus* v. *racemosus*
 7
 8 *Melilotus indica*
 9 *Gilia*
 10 *Trifolium*
 11
 12
 13 *Lupinus Benthamii* v. *opimus*
 14 *Microsteris gracilis*
 15 *Lotus humistratus*
 16 *Aplopappus linearifolius* v. *interior*
 17 discarded
 18 *Monolopia major* v. *lanceolata*
 19 discarded
 20 *Solanum umbelliferum*
 21 *Malvastrum sp.*
 22 *Phacelia hispida*
 22 Same as 22
 23 *Sisymbrium brachycarpum*
 24 *Carlinthus inflatus*

- 4/14/29 Carneros Springs Kern Co.
 " " " " "
 " " " " "
 " Avila " " "
 4/12/29 Avila San Luis Obispo "
 4/13/29 " " " "
 4/13/29 " " " "
 4/12/29 " " " "
 4/13/29 " " " "
 " " " " "
 " " " " "
 " McKittrick Kern Co.
 " 20 mi. E. Sta Maria San Luis Obispo "
 " 25 mi. from " " toward Cayama "
 " " " " " "
 " " " " " "
 " 24 " " " " "
 " " " " " "
 " 27 " " " " "
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 " " " " " "
 " 2 mi. W. Cayama V. San Luis Obispo Co.
 " Cayama Valley " " " "
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U. S. Bot. Gard.
 Herbarium
 Dept. of Agriculture

FROM

Steven P. Darwin
 Dept. Botany

- 51259 *Microseris Lindleyi*
 60 *Lupinus*
 61 *Eriogonum angulosum*
 62 *Amsinckia*
 63 *Brodiaea capitata*
 64 *Allium Sanbornii*
 65 *Oenothera dentata* v. *Parishii*
 66 discarded
 67
 68 *Poa scabrella*
 69 *Brodiaea capitata*
 70 *Viola pedunculata*
 71
 72 *Baeria*
 73 *Plectritis ciliosa*
 74 *Amsinckia intermedia*
 75 *Lotus subpinnatus*
 76 *Lupinus nanus*
 77 *Lupinus succulentus*
 78 *Lupinus succulentus*
 {79 *Salvia carduacea*
 {80
 81 *Platystemon californicus*
 82 *Orthocarpus purpurascens*
 83 *Microsteris gracilis*
 84 *Malacothrix californicus*
 85 *Orthocarpus purpurascens*
 86 *Layia*
 87 *Trifolium albobiprereum*
 88 *Monolopia major*
 89 *Garrya californica*
 90 *Delphinium Parryi*
 91 *Helianthemum scoparium*
 92

- 4/15/29 Tehachapi Pass Kern Co.
 " " " " " "
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 " " " " " "
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 " " " " " "
 4/14/29 Carneros Spr. Kern Co. Calif.
 " " " " " "
 4/12/29 14 mi. so. Los Alamos Santa Barb Co
 " " " " " "
 " " " " " "
 " " " " " "
 " Arroyo Grande San Luis Obispo Co.
 " " " " " "
 " " " " " "
 " Orcutt " " " "
 " 6 mi. so. Orcutt. " " " "
 " 13 mi S.E. Santa Maria " " " "
 " 6 mi so Orcutt " " " "
 4/14/29 Carneros Spr. Kern Co.
 " " " " " "
 " " " " " "
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 4/12/29 Gaviota Pass Santa Barbara
 " " " " " "
 " Top of Santa Susana Pass L.A. Co.
 " Gaviota Pass Santa Barbara

- 51361 *Thysanocarpus laciniatus* v. *crenatus*
62 *Nemophila aurita*
(63 same as 51364
64 *Galium Nuttallii*
65 *Ribes speciosum*
66 *Plantago hookeriana* v. *californica*
67 *Ranunculus californicus*
68 *Dentaria integrifolia* v. *californica*
69 *Lithophragma cymbalaria*
70 *Castilleja foliosa*
71 *Tidestromia lanuginosa*
72 *Lippia Wrightii*
73 *Dalea Parryi*
74 *Euphorbia florida*
75 *Franseria deltoidea* Torr.
76 *Lycium Parishii*
77 *Boerhavia Wrightii*
77a *Ericidium microphyllum*
78 *Phoradendron californicum*
79 discarded
80 *Condalia lycioides*
81 *Ephedra viridis* (nevadensis acc. Kearney)
82. *Crotalaria pumila*
83. *Viguiera annua* (Jones) Blake
84. *Brickellia venosa* (W. & S.) Rob.
85. *Bouteloua hirsuta* Lag.
86 *Andropogon saccharoides*
87 discarded
88 ~~Muhlenbergia~~ *Muhlenbergia emersleyi* Vasey
89 *Polocantha Emoryi*
90 *Quercus Emoryi*
91 *Eragrostis intermedia* Hitchc.
92 *Euphorbia polycarpa*
93 *Dalea Wislizeni*
94 same as 51396

Date	Locality	County	State
4/12/29	Gaviota Pass	Santa Barbara Co.	Calif.
"	"	"	"
"	"	"	"
"	14 mi. so Los Alamos	"	"
"	Gaviota Pass	"	"
"	"	"	"
"	"	"	"
"	Top of Santa Susana Pass	"	"
11/17/29	12 mi. S. E. Covered Wells	Pima Co.	Ariz.
"	"	"	"
"	3	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	27 mi. e. Gunsight Pass	"	"
"	"	"	"
11/8/29	7 mi. n. w. Nogales	Santa Cruz Co.	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
11/7/29	12 mi E. Cijo	Pima Co.	Ariz.
"	5 mi. n. w. Nogales	Santa Cruz Co.	"
11/8/29	10 mi. S. Vail	Pima Co.	"
11/9/29	5 mi. w. Superior	Pinal Co.	"
"	7 mi. n. w. Nogales	Santa Cruz Co.	"

- 51395 *Lippia Wrightii*
96 *Sphaeralcea lasca*
97 *Rhynchosia texana*
98 *Evolvulus arizonicus*
99 ~~*Calliandra*~~ *Mimosa dysocarpa*
51400 *Abutilon crispum*
1 *Artemisia ludoviciana* Nutt
2 *Portulaca retusa*
3 *Abutilon Pringlei*
4 ~~*Funastrum*~~ *Metastelma arizonica*
5 *Solanum Douglasii*
6 *Euphorbia capitellata*
7 *Bahia absinthifolia* var *dealbata*
8 Discarded
9 *Eriogonum Wrightii*
10 *Odonaea viscosa* v. *angustifolia*
11 ~~*Quercus*~~
12 *Eriogonum fasciculatum* var. *polifolium* ?
13} same as 51414
14} *Euphorbia florida* ~~*pediculifera*~~
15 Discarded
16 *Eragrostis arida*
17 *Baileya multiradiata*
18 *Abutilon Newberryi*
19 *Eriogonum deflexum*
20 *Haplopappus acradenioides* *heterophyllus* (Gray) Blake
21 *Cercidium microphyllum*
22 *Acalypha californica* *Pringlei*
23 *Argemone intermedia*
24 *Yucca elata*
25 *Baccharis sergiloides*
26 see R 123
27 *Trixis californica*
28 *Eriogonum Wrightii*

- | | | | |
|---------|--------------------------------------|--------------------|------|
| 11/8/29 | 10 mi. S. Vail | Pima Co. | Ariz |
| " | 10 | " | " |
| 11/9/29 | Hill back of Boyce Thompson Arb. | Superior Pinal Co. | " |
| 11/8/29 | 10 mi. S. Vail | Pima Co. | " |
| 11/9/29 | Hill back of Boyce Thompson Arb. | Superior Pinal Co. | " |
| 11/7/29 | 22 mi. E. Gila Bend. | Pima Co. | " |
| 11/7/29 | 23 mi. S. Gila Bend. Ft. of Lava Mt. | Maricopa Co | Ariz |
| " | " " " " | " | " |
| " | Gunsight Pass | Pima | " |
| " | " " " | " | " |
| " | Mts. S. Gila Bend | Maricopa | " |
| " | Gunsight Pass | Pima Co | " |
| " | " " " | " | " |
| " | 10 mi. E. Gunsight Pass | " | " |
| " | " " " | " | " |
| " | Gunsight Pass | " | " |
| 11/8/29 | 18 mi. N. Sonoita | " | " |
| 11/8/29 | " " " | " | " |

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|----------|----------------------------------|---------------------|
| 11/8/29 | 18 mi. n. Sonvita | Pima Co. Ariz |
| " | " | " |
| 11/12/29 | near Calabazn, San Jorgonio Pass | Riverside Co. Calif |
| 11/9/29 | Superior | Pinal " Ariz |
| 11/10/29 | 12 mi. w. Vicksburg | Yuma " " |
| " | 5 " E Wickenburg | Maricopa " " |
| " | 12 mi w. Vicksburg | Yuma " " |
| " | 5 mi. E Wickenburg | Maricopa " " |
| " | " " S.E. | " " " |
| " | " " E | " " " |
| " | Aguila | " " " |
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| " | " | " " " |
| " | Wenden | Yuma " " |
| 11/11/29 | 20 mi E. Blythe | " " " |
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| " | " | " " " |
| 11/12/29 | Deep Canyon 10 mi. sw. Indio | Riv. Co |
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| " | " | " |
| " | " | " |
| " | " | " |
| 11/12/29 | Deep Can. 10 mi. sw. Indio | Riverside Co. |
| " | " | " |
| " | " | " |
| " | " | " |

51463 Discarded

64

65 Hofmeisteria plurisetia

66 Discarded

67 Baccharis sergiloides

68 Nicotiana trigonophylla

69 Peristyle Emoryi

70

71

72 Lythrum californicum

73 Viguiera deltoidea v. Parishii

→ 74 ~~Dyscordia~~ porophylloides Prophyllum gracile

75 Galium stellatum v. eremicum

76

77 Physalis crassifolia

78 Cassia armata

79 Galium stellata v. eremicum

80 Fagonia chilensis v. laevis

81 Sphaeralcea ambigua

82 Fouquieria splendens

83 Hyptis Emoryi

84 Stephanomeria pauciflora

85 Eriogonum deserticola

86 Euphorbia

87 Simmondsia chinensis

88 Triodis pulchella

89 Ephedra nevadensis

90 Salazaria mexicana

91 Dalia spinosa

92 Phoradendron californicum

93 Atriplex polycarpa

94 Atriplex hymenelytra

95 Boerhaavia caribaea

96 Hoffmanseggia microphylla

1474a Dyscordia prophyllodes Gray

11/2/29 Deep Can 11 mi. s w. Indio

Riv. Co.

" " " " " " " " " " " "

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11/11/29 28 mi. e. Mecca

Deep Can. 10 mi s w. Indio

11/11/29 28 mi e Mecca

"

"

11/12/29 Deep Can. 10 mi. S.W. Indio

11/11/29 2 1/2 mi. e. Shavis Well.

"

14 mi. e Blythe

Yuma Co.

"

28 mi e. Mecca

11/6/29

Colorado Desert, 20 mi w. Yuma (Ariz) Imperial Co.

11/11/29

28 mi. e. Mecca

Riv Co.

"

+2 " "

Riv Co

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20 mi. e. Blythe

Yuma Co. Ariz

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12 mi e. Mecca.

Riv Co

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- 51531 *Populus Fremontii*
 32 *Arctostaphylos glauca*
 33 *Thamnosma montana*
 34 *Cercocarpus betuloides*
 35 *Senecio Californicus*
 36 *Echinocystis*
 37 same coll. as 51536
 38 *Condalia Parryi*
 39 same coll. as 51536
 40 *Crossosoma Bigelovii*
 41 *Galium angustifolium*
 42 *Physalis crassifolia*
 43 *Castilleja*
 44 *Eleocharis arenicola* Torr. ? (immature)
 45 *Fritillaria biflora*
 46 *Lycium Andersonii* v. *deserticola*
 47 discarded
 48 *Stillingia linearifolia*
 49
 50 *Salix exigua*
 51 *Solanum Xanti* v. *intermedium*
 52 *Osmonhiza brachypoda*
 53 *Cryptantha*
 54 *Grayia spenosa*
 55 *Memphila aurita*
 56 same as 51534
 57 *Cryptantha*
 58 *Silene antirrhina*
 59 *Sisymbrium brachycarpum*
 60 *Salix laevigata*
 61 *Baccharis viminea*
 62 *Salix laevigata* B. & P. det. C. R. B.
 63 *Sesuvium verrucosum*
 64 *Peltotropeum curassavicum* v. *oculatum*

- 3/9/30 Mission Creek Canyon Riverside Co.
 " " " " " "
 " " " " " "
 3/9/30 Mission Canyon " "
 " " " " " "
 " " " " " "
 " " " " " "
 " " " " " "
 3/9/30 " " " "
 8/24/29 Corona Bridge, Santa Ana R. Riverside Co.
 3/16/30 Glendora " "
 3/9/30 Mission Can " "
 " Devils Garden " "
 3/9/30 Mission Creek Can. Little San Bernardino Mts. Riverside
 5/11/29 Stoddard Can. above Claremont, S. A. Co. " "
 3/9/30 " Can. River Co. " "
 " " " " " "
 5/11/29 Stoddard Can. above Claremont, S. A. Co. " "
 3/9/30 Devils Garden bet. Morongo & White Water Wash River Co.
 5/11/29 Stoddard Can. above Claremont S. A. Co. " "
 3/9/30 Devils Garden bet. Morongo & White Water Wash River Co. " "
 " " " " " "
 " " " " " "
 " Mission Can. " "
 3/26/30 SW Margin of Lake Elsinore River Co.

51565 *Scirpus californicus*66 *Scirpus paludosus*66a *Distichlis stricta* v. *laxa*67 *Baccharis argiloides*68 *Salix goodenii* v. *salicicola* ← 51569a same69 *Clematis ligusticifolia*70 *Gilia californica* v. *glandulosa*71 *Mimulus purpureus*72 *Gnaphalium* ~~bicolor~~ *bicolor*

73

74 *Cryptantha intermedia*75 *Lupinus truncatus*76 *Rhus ovata*77 *Mirabilis laevis*78 *Salix lasiolepis* v.79 *Salix laevigata*80 *Rhamnus crocea* v. *idiifolia*81 *Oxalis californica*

82

83 *Digitaria sanguinalis*84 *Ambrosia palostachya* v. *californica*85 *Polygonum punctatum*86 *Lesqueria germanorum* v. *glandulifera*87 *Erigeron canadensis*88 *Heterotheca grandiflora*89 *Physalis physalis*90 *Aster exilis*91 *Cotula coronopifolia*92 *Potamogeton crispus*93 *Polygonum lapathifolium*94 *Eriogonum*95 *Liancordes*96 *Euphorbia*97 *Liancordes*

3/26/30 Lake Elsinore

Riv. Co.

"

3/26/30 Lake Elsinore

Riverside Co.

3/9/30 Mission Canyon

Riverside Co.

3/26/30 Lake Elsinore

"

"

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3/26/30 Can. s. w. Lake Elsinore

Riverside Co.

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3/27/30 Santiago Can. Santa Ana Mts. Orange Co.

3/27/30 Santiago Can. Santa Ana Mts. Orange Co.

"

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Silverado Can.

8/27/29 Claremont

Los Angeles Co.

8/24/29 Corona Br. Santa Ana R.

Riv. Co.

"

8/27/29 Claremont

L.A. Co.

"

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8/27/29 Claremont

L.A. Co.

8/24 Corona Br. Santa Ana R.

Riverside

"

"

"

8/27 Claremont

L.A. Co.

"

"

"

- 51633 *Artemisia californica*
34 *Stephanomeria virgata*
35 *Cercocarpus betuloides*
36 *Corethrogyne filaginifolia* v. *bernardina*
37 *Quercus chrysolepis*
38 *Chrysopsis villosa* v. *fastigiata*
39 *Zauschneria californica*
40 *Arctostaphylos glauca*
41 *Eriogonum elongatum*
42 *Eriogonum gracile*
43 *Rhamnus californica*
44 *Populus trichocarpa*
45 *Amaranthus blitoides*
46 *Verbesina encelioides* v. *exauriculata*
47 *Stephanomeria pauciflora*
48 *Canotia holocantha*
49 *Thamnosma montana*
50 *Canotia holocantha*
51 *Nicotiana trigonophylla*
52 *Franseria confertiflora* (Dr.) Rydb.
53 *Clematis lasiantha Drummondii*
54 same as 51646
55 *Peucephyllum Schottii*
56 *Chloris virgata*
57 *Simmondsia chinensis*
58 *Eragrostis cilianensis* (All.) Link.
59 *Eriogonum Wrightii*
60 *Euphorbia polycarpa*
61 *Gutierrezia*
62 *Euphorbia melanidenia*
63 *Condalia lycioides*
64 *Tetradlea Coulteri*
65 *Pectis papposa*
66 *Amaranthus Palmeri*

Date	Locality	County	State
10/11/29	Every Canyon		LA. Co.
"	"		"
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8/27/29	Claremont		S.G. Co.
11/10/29	18 mi. E. Blythe	Yuma Co.	Ariz.
"	10 mi. S.W. Wickenburg	Maricopa Co.	"
"	"	"	"
"	"	"	"
"	5	"	"
11/7/29	33 mi. S. Gila Bend	Pima Co.	"
"	"	"	"
"	"	"	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
11/7/29	33 mi. S. Gila Bend	Pima Co.	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
11/7/29	33 mi. S. Gila Bend	Pima Co.	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
11/7/29	30 mi S. Gila Bend	Pima Co.	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
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11/7/29	33 mi. S. Gila Bend	Pima Co.	"
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- 51701 *Galium stellatum* v. *eremicum*
 2 *Eschscholtzia minutiflora* v. *darwinensis*
 3 *Oenothera refracta*
 4 *Mentzelia affinis*
 5 *Aristida adscensionis*
 6 *Coreopsis Douglasii*
 7 *Fagonia chilensis* v. *laevis*
 8 *Perityle Emoryi*
 9 *Baileya pleristata*
 10 *Lupinus concinnus* v. *desertorum*
 11 *Physalis crassifolia*
 12 *Oenothera brevipes*
 13 *Eriogonum inflatum*
 14 *Galium stellatum* v. *eremicum*
 15
 16 *Eriogonum penduliflorum*
 17 *Viguiera diltoides* v. *Parishii*
 18 *Sphaeralcea ambigua*
 19 *Phacelia campanularia*
 20 *Bowlesia incana*
 21 *Lepidium Fremontii*
 22 *Memulus guttatus*
 23 *Phacelia*
 24 *Ephedra viridis*
 25 *Cryptantha*
 26 *Lotus strigosus*
 27 *Lupinus concinnus* v. *desertorum*
 28 *Phacelia campanularia*
 29 *Ephedra nevadensis*
 30 *Lycium Andersonii*
 31 *Yucca* ~~sp.~~
 32 *Nicotiana trigonophylla*
 33 *Amsinckia tessellata*
 34 *Ephedra viridis*

- 3/30/30 Morongo V. Riv. Co.
 " " Coyote Well "
 " " " "
 " 29 Palms S.B. Co.
 " Morongo V. Coyote Well Riv. Co.
 " 29 Palms S.B. Co.
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 " Morongo V. Coyote Well Riv. Co.
 " 29 Palms S.B. Co.
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 " Twenty-nine Palms San Bern. Co.
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S1803 *Matacothrix*4 *Cryptantha*5 *Lepidium Robinsonii*6 *Parietaria floridana*7 *Phacelia distans*8 *Silene gallica*9 *Vicia californica*?10 *Lepidium nitidum*11 ~~discarded~~ *Ellisia chrysanthemifolia*12 *Galium angustifolium* var. *foliosum*13 *Echinosystis macrocarpa*14 *Lupinus albifrons* var. *Douglasii*15 *Lomatium canifolium*16 *Arctostaphylos subcordata*?17 *Pinus Torreyana* Parry18 ~~discarded~~ *Filago arizonica* *Micropus californicus*19 *Baeria chrysotoma* var. *gracilis*20 *Lisyrinchium bellum* Wats.21 *Plantago Hookeriana* var. *californica*22 *Layia platyglossa*23 *Microseris elegans*24 *Dodecatheon Hendersonii*25 *Cardionema ramosissima*26 *Atriplex californica* Moq.?27 *Stipa pulchra*28 *Filago californica*29 *Sonchus oleraceus*30 *Stylocline gnaphaloides*31 *Brodiaea capitata*32 *Plagiobothrys californicus* v. *fulvescens*33 *Orthocarpus densiflorus*34 *Polygonum aviculare*35 *Zygadenus Fremontii*36 *Sidalcea malvaeflora*S1807 a *Cryptantha*
Vails R. Sta. Rosa?S1828 a *Micropus californicus*
Vails R. Sta. Rosa?

4/10/30 Vails Ranch, Santa Rosa I. Santa Barbara Co.

4/9/30 " " " " " "

4/8/30 " " " " " "

3/23/29 Eatons Camp, Pelican Bay, Sta. Cruz I.

4/8/30 Torrey Pines, e. of Vails R. Santa Rosa I.

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz I.

4/8/30 Vails Ranch Santa Rosa I.

" Torrey Pines, e. of Vails R.

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz I.

4/8/30 near Vails Ranch Sta. Rosa I.

mouth of Water Can

near Vails Ranch

- 51871 *Ceanothus arborescens* v. *glabrus*
 72 Discarded
 73 *Lithophragma cymbalaria*
 74 *Agrostis heterophylla* v. *crenulata*
 75 *Eriodictyon trichocalyx*
 76 *Amsinckia Eastwoodiae*
 77 *Lepidium nitidum*
 78 Discarded
 79 *Lupinus succulentus*
 80 *Thysanocarpus laciniatus* v. *ramosus*
 81 *Ceanothus oliganthus*
 82 *Ceanothus oliganthus*
 83 *Ranunculus californicus*
 84 *Demorphythea annua*
 85 *Orthocarpus purpurascens*
 86 *Lupinus bicolor* v. *microphyllus*
 87 *Micropus californicus*
 88 *Orthocarpus attenuatus*
 89 *Lysichiton calycina* v. *Wallacei*
 90 *Galium aparine*
 91 *Dodecatheon Hendersonii*
 92 *Orthocarpus purpurascens*
 93 *Lotus subpinnatus*
 94 *Plagiobothrys rothofulvus*
 95 *Gilia achilleaefolia*
 96 *Saxifraga californica*
 97 *Amsinckia intermedia*
 98 *Poa scabrella*
 99 Discarded
 51900 *Melica imperfecta*
 1 *Ellisia chrysanthemifolia*
 2 *Galium Nuttallii*
 3 *Malvastrum Nuttallii*
 4 *Lupinus succulentus*

- 4/9/30 Santa Rosa Is. Clark Mt. Santa Barbara Co.
 " " " " " "
 4/9/30 " " " " " "
 4/6/30 Ojai Ventura Co.
 4/5/30 Ojai Ventura Co.
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 4/6/30 " " " " " "
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 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/6/30 Ojai Ventura "
 4/8/30 Santa Rosa Is. Santa Barbara "
 4/5/30 Ojai Ventura "
 4/6/30 " " " " " "
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- 51939 *Polygonum punctatum*
 40 *Nicotiana attenuata*
 41 *Platytemon californicus* var. *ornithopus*
 42 *Cryptantha*
 43 ~~Discarded~~ *Cyperus*
 44 discarded (*Dithyrea calif.* v. *mar.* from San Mig. I.)
 45 *Thysanocarpus curvipes*
 46 *Thysanocarpus laciniatus* v. *conchuliferus*
 47 ~~discarded~~ *Wislizenia refracta*
 48 *Calandrinia ciliata* v. *Menziesii*
 49 *Galium angustifolium* v. *foliosum*
 50 *Lotus scoparius* v. *dendroideus*
 51 ~~discarded~~ *Psoralea*
 52 *Centaurea melitensis*
 53 *Juncus oxymeris*
 54 *Lamarckia aurea*
 55 *Trifolium involucreatum* *tridentatum*
 56 *Polypogon lutosus*
 57 *Phacelia viscida*
 58 *Rubus vitifolius*
 59 *Vicia americana*
 60 *Stellaria nitens*
 61 *Sagina*
 62 discarded
 63 discarded
 64
 65 *Juncus bufonius*
 66 discarded
 67 *Psilocarphus tenellus*
 68 *Poa scabrella*
 69 *Calandrinia ciliata* v. *Menziesii*
 70 *Mimulus Flemingii*
 71 *Muhlenbergia microsperma*
 72 *Baeria arystoma* v. *gracile*

- June 1928 Merced River near Hilmar, Merced Co.
 4/10/30 San Miguel I. Sta. Barb. Co.
 4/11/30 San Miguel I. Cuyler's H. Sta. Barbara Co.
 June 1928 Merced River near Hilmar, Merced Co.
 4/11/30 Santa Cruz I. Lady's H. Sta. Barb. Co.
 June 1928 Hatch Stanislaus Co.
 4/7/30 Santa Cruz Is. Hazard's H. Sta. Barb. Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 June 1928 Merced R. near Hilmar, Merced Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/8/30 Santa Rosa Island Santa Barbara Co.
 4/10/30 Santa Cruz I.
 4/11/30 " "
 4/11/30 Santa Cruz Is. Lady's H.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/11/30 " Cruz Is.
 " " Rosa Is.
 4/8/30 Santa Rosa Is. Mouth of Water Canyon, Santa Barbara Co.
 4/11/30 Lady's H. Santa Cruz Is.

- 51973 *Photinia arbutifolia*
 74 *Calandrinia ciliata* v. *Menziesii*
 75 *Galium catalanense*
 76 *Apiastrum angustifolium*
 77 *Poa annua*
 78 *Lathyrus strictus* v. *barbarae*
 79 ~~Discarded~~ *Carex rossii* Boott *Det. F. J. Hermann*
 80 *Dendromecon Harfordii*
 81 *Pectocarya platycarpa*
 82 *Coreopsis gigantea*
 83 *Poa scabrella*
 84 *Echinocystis macrocarpa*
 85 *Castilleja hololeuca*
 86 *Mimulus guttatus*
 87 *Bowlesia eniana*
 88 *Tillaea erecta*
 89 *Erigeron glaucus*
 90 *Calochortus catalinae*
 91 *Filago californica*
 92 *Trifolium involveratum* tridentatum
 93 ~~Lappin~~ *Rolls succulentus*
 94 *Chenopodium carinatum*
 95 *Stachys bullata*
 96 *Scutellaria tuberosa*
 97 ~~Discarded~~ *Eriogonum arborescens*
 98 *Orthocarpus purpurascens*
 99 *Plantago Hookeriana* v. *californica*
 52000 *Symphoricarpos albus* v. *mollis*
 2000 a ~~Opuntia~~ *Plectritis ciliosa*
 1 *Phacelia distans*
 2 *Microsteris gracilis*
 3 *Nemophila rotata* Eastw.
 4 *Heuchera maxima*
 5 *Erigeron glaucus*

- 4/11/30 Santa Cruz Is. Lady's H. Sta. Barb. Co.
 4/11/30 Santa Cruz Is. Lady's H. Sta. Barb. Co.
 4/11/30 Santa Cruz Is. Lady's H. Santa Barbara Co.
 3/24/29 2 mi. e. Eaton's Camp, Santa Cruz Is. "
 4/11/30 Santa Cruz Is. Lady's H. Santa Barbara Co.
 " " " " "
 3/24/29 " " " Del. Eaton's + Ranch, "
 " " " " "
 4/7/30 Hazards H. Santa Cruz Is. "
 4/7/30 Hazards H. Santa Cruz Is. "
 4/7/30 " Hazards H. "
 " " " "
 3/24/29 1 mi. e. Eaton's Camp " "
 4/7/30 Hazards H. "
 " " " "
 " " " "
 " " " "
 4/6/30 Ojai, Camp Comfort Ventura Co.
 4/7/30 Hazards H. Santa Cruz Is. Santa Barbara
 4/6/30 Ojai V. Ventura Co.
 4/6/30 Ojai V. Ventura Co.
 4/8/30 Santa Rosa Is. "
 4/8/30 Santa Rosa Is. "
 4/6/30 Camp Comfort Ojai Ventura Co.
 4/8/30 Santa Rosa Island Santa Barb. Co.
 4/8/30 Santa Rosa Is. Santa Barb. Co.
 4/6/30 Ojai Ventura
 4/7/30 Santa Rosa Island " Santa Barbara
 4/6/30 Ojai Ventura Co.
 " " " "
 " Camp Comfort Ojai " "
 " " " " "
 3/24/29 1 mi. e. Eaton's Camp, Santa Cruz Is. Santa Barbara Co.
 " near Eaton's Camp, Pelican B. " "

- 52007 *Mimulus Flemingii*
8 *Memphila aurita*
9 *Vernegasia carpesioides*
10 *Gilia muticaulis*
11 *Lotus scoparius* var. *dendroides*
12 *Adenostoma fasciculata*
13 1 ~~discarded~~
14 discarded
15
16
17 *Quercus agrifolia*
18 *Arctostaphylos diversifolia*
19 *Vernegasia carpesioides*
20
21
22 *Memphila aurita*
23 *Mimulus longiflorus*
24 *Quercus dumosa*
25 ~~Discarded~~
26 *Platystemon californicus*
27 *Godetia epilobioides*
28 *Parietaria floridana*
29 *Gilia millefoliata*
30 *Viola pedunculata*
31 *Lithophragma cymbalaria*
32 *Haplopappus canus*
33 *Stellaria nitens*
34 *Lupinus succulentus*
35 *Cotula coronopifolia*
36
37 *Achyrochaena mollis*
38 *Juncus balticus*
39 *Ellisia chrysanthemifolia*
40 *Sisyrinchium bellum*

- 3/24/29 bel. Eaton's Ranch, Santa Cruz Is. Sta. Barbara
2 mi. e. Eaton's Camp
1
4/6/30 Camp Comfort Ojai Ventura Co.
3/24/29 near Eaton's Camp, Pelican Bay, Santa Cruz Is. S.B.C.
Ranch —
- 4/7/30 Santa Cruz Is. Hazardo H. Sta. Barb. Co.
4/7/30 Santa Cruz Is. Hazardo H. Sta. Barb. Co.
4/7/30 Santa Cruz Is. Hazardo H. Santa Barbara
"
"
"
4/6/30
4/6/30 Ojai V. Ventura Co.
4/7/30 Santa Cruz Is. Hazardo H. Sta. Barb.
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4/8/30 - Santa Rosa Is.
4/8/30 Santa Rosa Is. Santa Barbara Co.
4/8/30 Santa Rosa Is.
4/8/30 Santa Rosa Is. Santa Barbara Co.
4/8/30 Santa Rosa Is. Santa Barbara Co.
4/8/30 "
4/5/30 Ojai Ventura Co.

- 320 41 *Apurastrium angustifolium*
 42 *Gilia Nevinii*
 43 *Tamaria aurea*
 44 *Silene gallica*
 45 *Plagiobothrys*
 46 *Oenothera micrantha*
 47 *Festuca megalura*
 48 *Jepsonia malvaefolia*
 49 *Godetia epilobioides*
 50
 51 *Sanicula arguta*
 52 *Vicia exigua*
 53
 54 *Lithophragma cymbalaria*
 55 *Escholtzia californica*
 (56 *Phacelia viscidula*
 57 same coll. as 2056
 58 *Oenothera contorta* v. *strigulosa*
 59 *Chenopodium ambrosioides*
 60 *Malacothrix incana*
 61 *Ceanothus megacarpus*
 62 *Graphalium tricolor*
 63 *Stellaria media*
 64 *Elaeagnus*
 65 *Lyonothamnus floribundus*
 66 *Veronica carpesioides*
 67 *Trifolium microcephalum*
 68 *Malacothrix incana*
 69 *Castilleja hololeuca*
 70 *Festuca dertorensis*
 71 *Arctostaphylos subcordata*
 72 *Prunus Lyonii*
 73 Discarded
 74 *Avena fatua*
 74a *Suaeda californica*

- | Date | Location | County |
|---------|--------------------|---------------------------|
| 4/8/30 | Santa Rosa Is. | Santa Barbara Co. |
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| 4/8/30 | Santa Rosa Is. | Santa Barbara Co. |
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| 4/6/30 | Ojai V. | Ventura |
| 4/8/30 | Santa Rosa Is. | Santa Barb. Co. |
| 4/6/30 | Ojai | Ventura Co. |
| 4/8/30 | Santa Rosa Is. | Sta. Barb. Co. |
| " | " | " |
| 4/9/30 | Santa Rosa Is. | Santa Barbara Co. |
| " | " | " |
| 4/8/30 | " " " Torrey Pines | " |
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| 4/11/30 | San Miguel Island | Cuyler's H.S. Barbara Co. |

- 52143 *Capsella Bursa-pastoris*
44 *Orthocarpus densiflorus*
45 *Sauvignia bipinnatifida* v. *Hoffmannii*
46 *Orthocarpus densiflorus*
47 *Trifolium amplexans*
48 *Chenopodium carinatum*
49 *Lotus scoparius* v. *Veitchii*
50 *Tillaea erecta*
51 *Heuchera maxima*
52 *Erigeron glaucus*
53 *Solanum Douglasii*
54 *Artemisia Douglasiana*
55 *Thysanocarpus laciniatus* v. *conchuliferus*
56 *Luzula campestris* v. *congesta*
57 *Rhus integrifolia*
58 *Quercus agrifolia*
59 *Trifolium amplexans* v. *stenophyllum*
60 *Arctostaphylos diversifolia*
61
62
63
64 *Eleocharis mamillata* Lindl. f.
65 *Eleocharis arenicola*
66
67
68
69
70 *Ribes siccum*
71 discarded
72
73
74
75 *Ribes malvaecum* v. *viridifolium*
76

- | | | |
|---------|-----------------------------------|-------------------|
| 4/10/30 | San Miguel Is. | Sta. Barb. Co. |
| 4/10/30 | San Miguel Is. | Santa Barbara Co. |
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| 4/9/30 | Santa Rosa Is. | " |
| " | Lower Elder Can. Santa Rosa Is. | " |
| 4/9/30 | Santa Rosa Is. | Santa Barbara Co. |
| " | " | " |
| 4/9/30 | " | " |
| " | Lower Elder C. | " |
| 4/9/30 | Santa Rosa Is. | Santa Barbara Co. |
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| 4/20/30 | Puddingstone C., San Pemas, | Los Angeles Co. |
| " | " | " |
| 4/2/30 | Sta Ana Mts. road to El Toro. | |
| 4/24/30 | New Brown Flats. San Gabriel Mts. | L.A. Co. |

S2177

- 78 *Cercocarpus betuloides*
 79 *Carex rostrata* Nutt
 80
 81 *Stipa Lemmonii*
 82
 83
 84
 85 *Eriodictyon trichocalyx*
 86 *Encelia californica*
 87 ~~*Echeveria*~~ *Alpenostoma fasciculatum*
 88 *Cryptantha*
 89 *Echeveria lanceolata* v. *laridea*
 90 ~~*discarded*~~
 91 *Echeveria*
 92 *Echeveria*
 93 *Echeveria*
 94 *Mesembryanthemum crystallinum*
 95 *Mesembryanthemum chilense*
 96 *Salix lasiolepis*
 97 *Eriogonum fasciculatum* v. *polifolium*
 98 *Gutierrezia californica*
 99 *Solanum scoparium*
 S2200 *Salix lasiolepis*
 1 *Crossosoma Bigelovii*
 2 *Bebbia juncea*
 3 *Trixis californica*
 4 *Nicotiana trigonophylla*
 5 *Rhynchospora crassifolia*
 6 *Sphaeralcea ambigua* ssp. *rosea*
 7 *Rithyrea californica*
 8 *Dalea Emoryi*
 9 *Dicoria Clarkae*
 10 *Gutierrezia californica*

- 4/20/30 Top of mt. above Palms, C. Claremont L.A. Co.
 4/24/30 Near Brown's Flats, San Gabriel Mts. Los Angeles Co.
 4/24/30 above Palmer's Canyon, Claremont Los Angeles Co.
 " " " " " "
 " Palmer's Canyon " " "
 5/30 " " " " "
 5/31/29 Claremont " " "
 5/30/29 N. Coronado Island Mex.
 " " " " "
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 " " " " "
 2/10/30 Santa Ana Riv near San Bernardino S. Bern. Co.
 " White Water Canyon 1/2 mi. White Water Lodge Riv. Co.
 " " " " " "
 " " " " " "
 " Santa Ana River near S. Bern. S. Bern. Co.
 " White Water Can. 1/2 mi. above Wh. Water Lodge Riv. "
 " Palm Can., Palm Spr. " "
 " " " " " "
 " Lower Palm Can. " "
 " " " " " "
 " Palm Can., Palm Spr. " "
 " 1/2 mi. from White Water to Palm Spr. " "
 " " " " " "
 " " " " " "
 " " " " " "

52279 discarded

80 *Calyptridium monandrum*

81 discarded

82 *Lycia*83 *Gilia aurea*84 *Nemacladus longiflorus* var. *brachiflorus* McVay85 *Gilia*86 *Glyclocline micropoides*87 *Eriogonum pusillum*88 *Eriophyllum pungens*

89 discarded

90 *Myosurus cupulatus*

91 discarded

92 *Oenothera dentata* v. *johnstonii*

93 discarded

94 discarded

95 discarded

96 *Caulanthus lasiophyllus*97 *Anisocoma acaulis*

98 discarded

99 pterid. see R 173

52300 *Gilia inconspicua*1 *Quercus dumosa* v. *turbinella*2 *Coleogyne ramosissima*3 *Rhamnus crocea* v. *ilicifolia*4 *Mimulus longiflorus*5 *Baileya pleniradiata*6 *Prunus fasciculata*7 *Litanion hystrix* (Nutt.) f. g. km.8 *Grayia spinosa*9 *Cryptantha*10 *Neolletia occidentalis*

11

12 *Condalia spathulata*

4/30/30

Morongo Valley near Morongo V. Inn.

Riv. Co.

" " " " " " " " " " " "

Can. above Keyes Ranch

San Ben. Co.

" Morongo Valley near Morongo V. Inn

C

" Can. above Keyes Ranch

" " " " " " " " " " " "

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- 52313 *Phacelia Hallii*
 14 *Gilia*
 15 *Gilia*
 16 *Ernenanthe penduliflora*
 17 *Phacelia distans*
 18 *Astragalus lentiginos* v. *Fremontii*
 19 *Gilia inconspicua*
 20 *Eriogonum Keernanii* v. *floccosum*
 21 *Lotus rigidus*
 22 *Potentilla sarfosa*
 23 *Lepidium nitidum*
 24 *Lupinus concinnus* v. *desertorum*
 25 *Plantago Hookeriana* v. *Californica*
 26 *Velaea arguta*
 27 *Draba corrugata*
 28 *Pteris*
 29 *Phyllodoce Breweri*
 30 *Cottrogyne filaginifolia* v. *sessilis*
 31 *Chrysopsis villosa* v. *fortigiata*
 32 *Arabis maxima*
 33 *Phoradendron longispicum*
 34 *Oreopsis gigantea*
 35 *Salvia leucophylla*
 36 *Conium maculatum*
 37 *Cypripedium Virens*
 38 *Galium californicum*
 39 *Galium Nuttallii*
 40 *Galium aparine*
 41 *Galium stellatum*
 42 *Galium Andrewsii*
 43 *Galium Nuttallii*
 44 *Galium angustifolium*
 45 *Galium*
 46 name 92047

- 4/30/30 Can. above Keyes Ranch San Bern Co.
 " Morongo V. near Morongo V. Inn Riv. Co.
 " Can. above Keyes Ranch
 " " " "
 3/12/30 Claremont
 10/6/29 Mt. San Geronimo
 " " " "
 10/7/29 Mill Cr. Canyon " San Bern Co.
 7/20/29 Mouth of Cucamonga Canyon. San Bern Co.
 4/10/30 San Miguel I. Santa Barb. Co.
 6/16/29 Ridge Route above Castain L.A. Co.
 6/29/29 Dublin Can. Alameda
 6/30/29 Turlock Stanislaus Co.
 3/24/29 Santa Cruz I. S. Barb. Co.
 " " "
 " " "
 5/4/29 Borego V. Palm C. S.D. Co.
 5/5/29 San Felipe R. above Banner " "
 " " " " "
 5/5/29 " " " " "
 5/12/29 Keyes Ranch Riv. Co.

- 52347 *Galium angustifolium*
 (48 same as 52347
 49 *Galium catalanense*
 50 same as 52349
 51 *Galium angustifolium*
 52 same as 52351
 53 same as 52354
 54 *Galium angustifolium*
 55 same as 52354
 56 *Madia radiata*
 57 *Centaurea solstitialis*
 58 *Cyperus virens*
 59 *Juncus effusus*
 60 *Chenopodium ambrosioides*
 61 *Plantago lanceolata*
 62 *Echinochloa crus-galli*
 63 *Cuscuta arvensis*
 64 *Solanum villosum*
 65 same as 52360
 66 *Mollugo verticillata*
 67 *Polygonum punctatum*
 68 same as 52367
 69 *Juncus oxymeris*
 70 *Juncus xiphioides*
 71 *Eleocharis*
 72 *Epilobium*
 73 *Solanum nigrum*
 74 *Lotus occidentalis*
 75 *Eriogonum canadensis*
 76 *Bidens frondosa*
 77 same as 52376
 78 *Lotus americanus*
 79 same as 52380
 80 *Epilobium punctatum*

- | | | |
|---------|---|----------------|
| 3/30/29 | Andrews Can. Palm Spr. | Rev. Co. |
| 4/8/29 | Santa Catalina I., cliffs along Avalon-Pebbly Beach Rd. | L.O. Co. |
| " | " | Hamilton C. |
| " | " | Avalon C. |
| 8/3/29 | Oakland | Alameda |
| 8/2/29 | " | " |
| 8/4/29 | Turlock | Stanislaus Co. |
| " | " | " |
| " | " | " |
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| 8/29/29 | " | " |
| 8/30/29 | " | " |
| " | " | " |
| " | " | " |
| " | " | " |
| 9/3/29 | Turlock | Stanislaus |

- S 2381 *Tribulus terrestris*
 82 same as 51731
 83 *Amaranthus bidetoides* Wats.
 84 *Rorippa curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Ilysanthes dubia*
 87 *Cyperus varians*
 88 *Borreria phyodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopsis* v. *leucophyllus*
 95 *Grindelia*
 96 *Iva axillaris* v. *pubescens*
 97 *Distichlis stricta*
 98 *Quaeda Moquini*
 99 *Sesuvium venucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha arenaria*~~ *Elymus* sp.
 2
 3
 4
 5 discarded
 6 discarded
 7 discarded
 8 *Paspalum distichum*
 9 *Setaria leuiscens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

APR 11

Stanislaus Co.

9/3/29 Turlock

6/29/29

6/29/29

6/16/29

6/21/29

Dept. of Botany, U. of Pa. January 25, 1946

S 2401

Dear Ray, Just ran across your no. ~~XXXX~~, from Berkeley,

California, sand beach. It is labeled as *Mimophila arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Loh

Alameda Co.

Kern Co.

Alameda Co.

Stanislaus Co.

7/2/29 Turlock

6/30/29

7/4/29 Knight Ferry

"

"

"

Dept. of Botany, U. Of Pa. January 25, 1946

Dear Ray, -

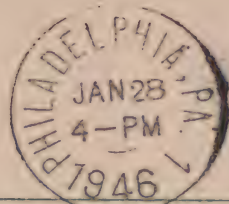
S 2401

Just ran across your no. ~~21211~~, from Berkeley, California, sand beach. It is labeled as ~~Mimophila~~ *arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Stahl



THIS SIDE OF CARD IS FOR ADDRESS



Dr. F.R. Fosberg
Holmes Run Road
Falls Church R.R. 1
Virginia

- S 2381 *Tribulus terrestris*
 82 same as 51231
 83 *Amaranthus blitoides* Wats.
 84 *Rorippa curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Thysanthes dubia*
 87 *Cyperus virans*
 88 *Portulaca physodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopsis* v. *leucophyllus*
 95 *Grindelia*
 96 *Yucca arillaris* v. *pubescens*
 97 *Distichlis stricta*
 98 *Quaeda moquini*
 99 *Sesuvium venucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha canescens*~~ *Elymus* sp.
 2
 3
 4
 5 discarded
 6 discarded
 7 discarded
 8 *Paspalum distichum*
 9 *Setaria lutescens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

9/3/29 Turlock

Stanislaus Co.

6/29/29 Dublin Canyon

Alameda Co.

6/29/29 Altamont Pass

6/16/29 Bakersfield

Kern Co.

6/21/29

6/21/29 Berkeley

Alameda Co.

7/2/29 Turlock

Stanislaus Co.

6/30/29

7/4/29 Knight's Ferry

- 52415 *Cyperus laevigatus*
 16 *Scirpus acutus*
 17 *Juncus nevadensis*
 18 *Cephalanthus occidentalis*
 19 *Baccharis Douglasii*
 20 *Salix exigua* Nutt.
 21 *Lotus americanus*
 22 *Asclepias mexicana*
 23 *Aster Menziesii*
 24 *Juncus balticus*
 25 *Helenium puberulum*
 26 *Potamogeton*
 27 *Rhamnus californicus* v. *obtusissimus*
 28 *Rumex conglomeratus*
 29 *Mentha spicata*
 30 *Amaranthus hybridus*
 31 ~~discarded~~
 32 ~~discarded~~
 33 ~~discarded~~
 34 *Aesculus californica*
 35 *Monardella villosa*
 36 *Chenopodium Fremontii*
 37 *Ribes*
 38 *Allenrolfea occidentalis*
 39 *Rotula ramosior*
 40 *Asclepias erosa*
 41 *Lotus grandiflorus* v. *mutabilis*
 42 *Stanleya pinnata*
 43 *Franseria bipinnatifida*
 44 *Abronia latifolia*
 45 *Abronia umbellata*
 46 *Cakile edentula* v. *californica*
 47 *Medicago lupulina*
 48 *Juncus canaliculatus dubius*

7/4/29 Knight Ferry
 " " " "

ditto

7/2/29 Turlock

ditto

6/29/29 Dublin Can. ~~at~~

Alameda Co.

6/16/29 Bakersfield

Kern

6/29/29 Dublin Can.

Alameda Co.

6/16/29 Bakersfield

Kern Co.

ditto

6/16/29 S. end of Ridge Route above Castaic

L.A. Co

6/2/29 Berkeley, S. Bay

Alameda Co

ditto

7/4/29

Knight Ferry

Stanislaus Co

52449 Asterid. see R 127

- 50 *Epilobium*
 51 *Eleocharis*
 52 *Cyperus melanostachyus*
 53 *Mimulus cardinalis*
 54 *Salureja Douglasii*
 55 *Symphoricarpos albus*
 56 same as 2459
 57 *Diapantes dubia*
 58 *Prunus virginiana* v. *demissa*
 59 *Rhamnus californicus*
 60 *Phytocarpus alternans*
 61 *Mimulus aurantiacus*
 62 *Cuscuta*
 63 *Baccharis pilularis*
 64 *Achillea millefolium*
 65 *Lolium multiflorum*
 66 *Picris echinoides*
 67 *Arctostaphylos drupacea*
 68 *Zauschneria californica*
 69 *Cuscuta*
 70 *Haplopappus venetus* v. *vernonioides*
 71 *Ribes malvaceum*
 72 *Lepidospartum squamatum*
 73 *Solidago californica*
 74 *Rhus diversiloba*
 75 *Pseudotsuga mucronata*
 76 *Quercus dumosa*
 77 *Umbellularia californica*
 78 *Romneya Coulteri*
 79 *Coethrogyne filaginifolia*
 80 *Dentaria integrifolia* v. *californica*
 81 *Rhamnus crocea* var. *ilicifolia*
 82

7/4/29 Knights Ferry

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

6/30/29 Turlock

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

ditto

Oakland

Alameda

12/21/29 Trabuco Can. Santa Ana Mts. Orange Co.

ditto

12/21/29 Upper Trabuco Can. Santa Ana Mts. Orange Co.

ditto

52483

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52500

1 *Lycium*2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Plectocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberi*9 *Gilia matthewsii*10 *Monardella epilob*11 *Malvastrum Parryi*12 ~~*Lepidium*~~ *nitidum*13 *Abromia villosa*14 *Lupinus succulentus*

15.

16 *Erigeron*

5/12/30 Across

" Flat

" Cajon

" Flat

"

" Cajon Pass

- 5 2510a *Calyptridium monandrum* 5/12/30 Cajon Pass San Bern. Co.
 11a *Festuca* " Granite Mts. " " "
 13a *Eriogonum inflatum* " E. slope Granite Mts.
 14a *Stephanomeria pauciflora* 1/6 mi. e Victorville
 15a *Cryptantha* same
 16a *Mitabelia Bigelovii* v. *retroscia* same
 17a *Delphinium Parishii* "
 18a *Stipa speciosa* "
 19a *Nemacladus glandulosus* "
 var. *orientalis* McV.

52483

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52500

1 *Linum catharticum*2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Peltocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberei*9 *Gilia Matthewsii*10 *Monardella epilobis*11 *Malvastrum Parryi*12 ~~*Lepidium*~~ *nitidum*13 *Abromia villosa*14 *Lupinus succulentus*

15.

16 *Erigeron*

5/12/30

Across End of Granite Ridge from Dead Man's Point S.B.Co.

"

Flats near Dead Man's Point 18 mi. e. Victorville
Cajon Pass

"

Flats near Dead Man's Point 18 mi. e. Victorville

"

"

Cajon Pass

- 525 17 *Mentzelia*
 18 ~~Sesuvio~~ *Malacothrix clevelandii* Gray
 19 *Cryptantha*
 20 *Eurotia lanata*
 21 *Antirrhinum filipes*
 22 *Stanleya pinnata*
 23 *Nemacladus gracilis* Eastw.
 24 *Zygadenus brevibracteatus*
 25 *Trifolium gracilentum*
 26 *Lupinus concinnus* v. *desertorum*
 27 *Ellisia membranacea*
 28 *Pterostegia drymarisoides*
 29 *Ellisia Torreyi*
 30 *Sitanion hystrix*
 31 *Mentzelia*
 32 *Dyssodia Cooperi*
 33 *Krameria*
 34 *Coleogyne ramosissima*
 35 *Atriplex Parishii*
 36 *Allenrolfea occidentalis*
 37 *Stipa speciosa*
 38 *Nicotiana trigonophylla*
 39 *Chorizanthe brevicornis*
 40 *Malvastrum rotundifolium*
 41 *Chorizanthe rigida*
 42 *Oxytheca perfoliata*
 43 *Chaenactis carphoclinia*
 44 *Eriogonum Thomasii*
 45 *Malacothrix californica* v. *glabrata*
 46 *Phacelia crenulata*
 47 *Eriogonum pusillum*
 48 *Perityle Emoryi*
 49 *Eriogonum trichosper*
 50 *Eriogonum nuttallianum*

S.B.C.

- 5/12/30 Cajon Pass
 " " "
 " East Slope Granite Mts. 16 mi. e. Victorville
 " ditto
 " Granite Mts.
 " Valley bet. Granite Mts. & Ord Mts.
 " Granite Mts.
 " "
 " "
 " ditto
 " "
 " "
 " "
 5/12/30 Granite Mts. 16 mi. e. Victorville San. Bern. Co.
 " " " " "
 " " " " "
 " " " 16 mi. e. Victorville
 " "
 " ditto

- 52551 *Cressa truxillensis*
 52 *Eriogonum inflatum*
 53 *Gilia punctata*
 54 *Nemacladus rubescens*
 55 *Glyptopleura setulosa*
 56 *Eschscholtzia minutiflora*
 57 *Melica imperfecta*
 58 *Thysanocarpus laciniatus*
 59 *Sphaeralcea ambigua*
 60 *Brickellia arguta*
 61 *Encelia frutescens* v. *actoni*
 62 *Brickellia arguta*
 63 *Penstemon*
 64 *Phacelia vallis-mortae*
 65 same as 92564
 66 *Salvia mohavensis*
 67 *Amsinckia tessellata*
 68 *Tetradymia stenolepis*
 69 *Brickellia arguta*
 70 *Castilleja*
 71 same as 92570
 72 *Sisymbrium brachycarpum*
 73
 74 *Cryptantha*
 75 *Ptilocarya setosa*
 76
 77 *Poa scabrella*
 78 *Syntherisma pappus* *Fremontii*
 79 *Allium fimbriatum*
 80 *Lomatium Parryi*
 81
 82 *Eriogonum inflatum*
 83
 84 same as 92583

5/12/30 Granite Mts. 16 mi. e. Victorville San Bern. Co.

1
ditto

Granite Mts.

San Bern. Co.

ditto

S 2585 same as S 2582

- 86 *Ellisia membranacea*
 87 *Buckellia arguta*
 88 *Sitanion hystrix*
 89 *Acamptopappus sphaerocephalus*
 90 *Aplopappus Cooperi*
 91 *Platystemon Californicus* v. *crinitus*
 92 *Eriogonum Thomasii*
 93 *Hilaria Jamesii*
 94 *Eriogonum fasciculatum* v. *foliosum*
 95 *Mulla cerotina*
 96 *Sitanion jubatum*
 97 same as S 2594
 98 *Eriogonum nidularium*
 99 *Alhambra Oenothera brevipes*

E.D. Pinner

(S 2600 *Bebbia juncea* v. *aspera*)

1 same as S 2600

- 2 *Cuscuta*
 3 *Silene laciniata*
 4 *Silene laciniata*
 5 *Habenaria unalaschensis*
 6 *Lotus eriophorus* v. *Heermannii*
 7 Discarded
 8 *Lotus tomentellus*
 9 *Dalea spinosa*
 10 *Cercidium floridanum*
 11 *Dalea Schottii* v. *puberula*
 12 *Eriogonum inflatum* v. *deflatum*
 13 *Fagnia chilensis* v. *laevis*
 14 *Physalis crassifolia*
 15 *Phoradendron californicum*
 16 *Dalea mollis* v. *mollissima*
 17 *Stephanomeria pauciflora*
 18 *Brandegea Bigelovii*

5/12/30 Granite Mts.

San Bernardino

Litho

5/9/30 Claremont

L.A. Co.

5/4/30 Victorville

San Bern.

5/12/30 Granite Mts.

"

5/8/30 Santa Ana Can.

Orange Co.

5/9/30 Claremont

L.A. Co.

5/17/30 Deep Canyon

Riverside Co.

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

Hills s. Deep Can.

52619. *Beloperone californica*
20 *Polypogon lutosus*
21 *Trichoptilum incisum*
22 *Cryptantha*
23 *Palafolia linearis*
24 *Petalonyx Thurberi*
25 *Dalea Fremontii* v. *Saundersii*
26 *Aristida adsoncensis*
27 *Lotus rigidus*
28 *Chilopsis linearis* v. *arcuata*
29 *Astragalus ericularis* v. *Harwoodii*
30 *Gilia latifolia*
31 *Mirabilis Bigelovii*
32 *Hofmeisteria pluriseta*
33 *Asclepias albicans*
34
35 *Fumastrum heterophyllum*
36
37 *Hibiscus denudatus*
38 *Triodia pulchella*
39 *Sphaeralcea ambigua*
40 *Krameria parvifolia* v. *imparata*
41 *Trifis californica*
42 *Galium stellatum* v. *eremicum*
43 *Hoffmannseggia microphylla*
44 *Eriogonum inflatum*
45 *Gilia atractylloides*
46 " *enteroptera*
47 *Psoralea oricularis*
48 See R122
49 *Montia perfoliata*
50 *Montia perfoliata*
51 *Montia spatulata*
52 *Montia perfoliata*

- [illegible]

52. 653 *Montia spathulata* v. *viridis*
54 " " *tennifolia*
55
56 *Rubus parviflorus*
57 *Quercus chrysolepis*
58 *Microstema gracilis*
59 *Gilia ciliata*
60 *Lewisia brachycalyx*
61 *Taraxacum californicum*
62 *Viola Douglasii*
63 *Plectritis ciliosa*
64 *Sanicula tuberosa*
65 *Nemophila rotata* v. *integrifolia*
66 *Poa secunda*
67 *Plagiobothrys*
68 *Viola purpurea*
69 *Ceanothus perplepans*
70 *Calandrinia ciliata* v. *Menziesii*
71 *Euphorbia Palmeri*
72 *Lupinus formosus* v. *Bridgesii*
73 *Poa scabrella*
74 *Platystemon californicus*
75
76 *Poa annua*
77 *Layia*
78 *Gilia inconspicua*
79 *Gilia epilis*
80 *Collinsia*
81 *Gilia ciliata* v. *montana*
82 *Agoseris retrorsa*
83 *Gilia Parryae*
84 *Arenaria Douglasii*
85 ~~*Lupinus*~~
86 ~~*Lupinus*~~

- 52687 *Gilia Parryae*
 88 *Cryptantha barbigera*
 89 *Cryptantha*
 90 *Leptotaenia dissecta* v. *multifida*
 91 *Gilia brevicula*
 92 *Phacelia distans*
 93 *Gilia*
 94 *Bromus tectorum*
 95 *Gilia capitata*
 96 *Cymopterus multinervatus*
 97 *Galium Hallii*
 98 *Arenaria macradenia*
 99 *Oenothera dentata*
 52700 *Eriodictyon trichocalyx*
 1 *Lupinus formosus*
 2 *Eriophyllum confertiflorum*
 3 *Tetradymia spinosa* v. *longispina*
 4 *Salvia carnosae*
 5 *Castilleja*
 6 *Sitamin jubatum* *Hystrix*
 7 *Mirabilis Bigelovii* v. *aspera*
 8 *Chaenactis Fremontii*
 9 *Haplopappus Cooperi*
 10 *Colochortus Kennedyi*
 11 *Asclepias vestita* v. *Parishii*
 12 *Amsonia brevifolia*
 13 *Penstemon*
 14
 15 *Sisymbrium brachycarpum*
 16 discarded
 17 *Porophyllum gracile*
 18 *Melica frutescens*
 19 *Nema demissum*
 20

- | | | |
|---------|--|--------------|
| 5/21/30 | Deep Cr. about halfway down on Toll Rd. | San Bern Co. |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | Mojave River above Hesperia | " " " |
| " | Deep Cr. about halfway down on Toll Rd. | " " " |
| " | Mojave R. above Hesperia | " " " |
| " | " " " | " " " |
| " | " " " | " " " |
| " | Deep Cr. about halfway down on the Toll Rd | " " " |
| " | Mojave R. above Hesperia | " " " |
| " | " " " | " " " |
| " | Deep Creek near mouth near Hesperia | " " " |
| " | " " about halfway down on the Toll Rd | " " " |
| " | Mojave River above Hesperia | " " " |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville | " " " |
| " | " " " | " " " |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville San Bern. Co. | |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville San Bernardino Co. | |
| " | " " " | " " " |

- 52721 discarded
22 *Graphalium bicolor*
23 *Thyana carpus laciniatus*
24 *Filago arizonica*
25 *Tropidocarpum gracile*
26 *Lepidium fremontii*
27 *Festuca octoflora*
28 *Phacelia vallis-mortae*
29 *Ellisia membranacea*
30 *Ellisia Torreyi*
31 *Lotus humistratus*
32 *Stephanomeria exigua*
33 *Chorizanthe spinosa*
34 *Rafinesquina californica*
35 *Phacelia distans*
36 *Cryptantha*
37 *Brickellia arguta*
38 *Sphaerodea ambigua*
39 *Melica imperfecta*
40 *Eriophyllum Wallacei*
41 *Pectocarya setosa*
42 *Poa scabrella*
43 *Tropidocarpum gracile*
44 *Montia perfoliata*
45 *Boeria microglossa*
46 *Pterostegia drymariaoides*
47 *Chorizanthe brevicornis*
48 *Sitanion hystrix*
49 *Aplopappus*
50 *Ephedra viridis*
51 *Aster abatus*
52 *Euphorbia albomarginata*
53 *Chorizanthe Thurber*
54 *Hilaria Jambii*

- [illegible]

- 52755 *Orypolis occidentalis*
 56 *Chaenactis Fremontii*
 57 *Eriogonum inflatum*
 58 *Delphinium Parishii*
 59 *Lupinus concinnus* v. *Orcuttii*
 60 *Nemacladus gracilis*
 61 *Erodium cicutarium*
 62 *Cuscuta*
 63 *Stipa speciosa*
 64 *Nemacladus gracilis*
 65 *Hymenoclea salsola*
 66 *Coreopsis calliopsidea*
 67 *Haplopappus linearifolius* v. *interior*
 68 *Calochortus Kennedyi*
 69 *Haplopappus Cooperi*
 70 *Grayia spiroso*
 71 *Mirabilis Bigelovii*
 72 *Cryptantha barbigera*
 73 *Microseris linearifolia*
 74 *Mentzelia congesta*
 75 *Salazaria mexicana*
 76 *Lycium Andersonii*
 77 *Arabis pulchra*
 78 *Trifolium gracilentum*
 79 same as 52773
 80 *Platystemon californicus*
 81 *Eurotia lanata*
 82 *Mirabilis Bigelovii*
 83 *Astragalus Nuttallianus* v. *trichocarpus*
 84 *Astragalus Parishii* v. *longilobus*
 85 *Stephanomeria pauciflora*
 86 *Eriogonum nidularium*
 87 *Allium fimbriatum*
 88 *Chorizanthe spinosa*

Dept. of Botany

Smithsonian Inst.

Dept. Biology

Tulane University

New Orleans LA 70118

SUBJECT

FOLD

MESSAGE

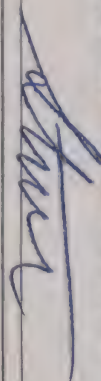
DATE March 17, 1980 19

Dear Ray:

Looking through some collections here, I have discovered a specimen of *Eriogonum* (E. saxatile?) with no label - only "Fosberg 789" on the newspaper. Newspaper dated 1931, by the way! Would you be able to supply data so that we can type a label and put this collection in the herbarium? There is enough material for one duplicate.

Thank you!

SIGNED



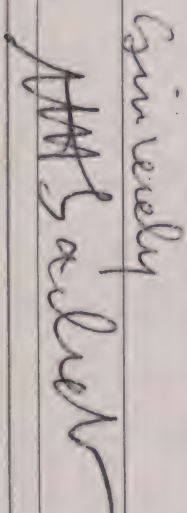
DATE June 9, 1980 19

REPLY

Dear Dr. Darwin,

I dug up this letter on Ray's desk after he left for Guam. As the coll. book and some blank labels were with it, I assume he hadn't answered. So I enclose the label. If you change the determination, please let us know.

SIGNED



FORM 44-902 U.S.A.

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SPEED LETTER

TO Dr. F. R. Fosberg FROM Steven P. Darwin
Dept. of Botany Dept. Biology
Smithsonian Inst. Tulane University
 SUBJECT New Orleans LA 70118

MESSAGE

DATE March 17, 1980 19__

Dear Ray:

Looking through some collections here, I have discovered a specimen of *Eriogonum* (*E. saxatile?*) with no label - only "Fosberg 789" on the newspaper. Newspaper dated 1931, by the way! Would you be able to supply data so that we can type a label and put this collection in the herbarium? There is enough material for one duplicate.

Thank you!

SIGNED

REPLY

DATE June 9, 1980 19__

Dear Dr. Darwin,

I dug up this letter on Ray's desk after he left for Guam. As the coll. book and some blank labels were with it, I assume he hadn't answered. So I enclose the label. If you change the determination, please let us know.

Sincerely

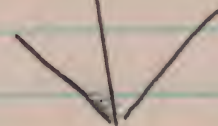
SIGNED

- 52891 *Marrubium vulgare*
 92 *Castilleja*
 93 *Lotus scoparius*
 94 *Brassica encana*
 95 *Sisymbrium officinale*
 96 *Centaurea melitensis*
 97 *Lonicera subspicata* v. *johnstonii*
 98 *Salvia apiana*
 99 *Erigeron*

52900 *Rhus laurina*

- 1 *Chenopodium californicum*
 2 *Sambucus coccinea*
 3 *Cuscuta*
 4 *Castilleja*
 5 *Sonchus aspera*
 6 *Graphalium californicum*
 7 *Mimulus cardinalis*
 8 *Convolvulus occidentalis* v. *angustissimus*
 9 *Melilotus indica*
 10 *Sonchus aspera*
 11 *Melilotus alba*
 12 *Castilleja stricta*
 13 *Polypogon monspeliensis*
 14 *Polypogon monspeliensis*
 15 *Juncus oxymeris*
 16 *Polypogon lutosus*
 17 *Rhamnus californica*
 18 *Datisca glomerata*
 19 *Euphorbia peplos*
 20 *Phacelia hispida*
 21 *Galium aparine*
 22 *Apiastrum angustifolium*
 23 *Pterostegia drymaria* oides
 24 *Thalictrum polycarpum*

6/15/30 Santiago C. near Modjesko's Home, Sta. Ana Mts. Cal.



- 52925 *Eriophyllum confertiflorum*
 26 same as 52923
 27 *Galium Nuttallii*
 28 *Mimulus purpureus* X *longiflorus*
 29 same as 52934
 30 *Collinsia*
 31 *Galium angustifolium*
 32 *Pancus pusilla*
 33 *Achillea millefolium*
 34 *Rafinesquina californica*
 35 *Ellisia chrysanthemifolia*
 36 *Solanum Douglasii*
 37 *Cryptantha*
 38 *Delphinium Parryi*
 39 *Brodiaea capitata*
 40 *Silene laciniata*
 41 *Yucca whipplei*
 42 same as 52941
 43
 44
 45
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 55 *Scirpus campestris*
 56
 57
 58

6/16/30 Santiago C. near Modjeski's Home, Sta. Ana Mts. Orange

ditto

6/23/1930 Del Rey

L.A. Co. Cal.

52959

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73 *Cuscuta californica*

74

75

76

77 ~~*Alronia alba*~~78 *Alronia alba* var. *variabilis*

79

80

81 *Atriplex semibaccata*

82

83

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86

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88

89 *Oenothera cheimanthifolia*

90

91

92

6/23/30 Del Rey

L.A. Co. Cal.

6/23/30 " "

S 2993

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S 3000

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11

12 *Hemizonia fasciculata*

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16

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18

19

20

21 *Rumex* ~~conglomeratus~~ *conglomeratus*

22

23 *Loghium halepense*

24

25

26 *Epilobium californicum*

6/26/30 Culver Garden, below Culver City, L. A. Co. Cal.

6/26/30 Lower Bellona Cr. L. A. Co.

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S 3027

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36 *Physalis ixocarpa*37 *Conium maculatum*38 *Eriogonum fasciculatum* v. *foliolosum*

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45 *Polygonum lapathifolium*

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57 *Arthrocnemum subterminale*

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59 *Suaeda depressa*60 *Atriplex patula*

7/7/30 Lexington Wash. San Gabriel R. Cl. Monte L.A. Co. Cal.

.. .. .

.. .. .

6/26/30 Lower Bellona Cr. L.A. Co.

6/30/30 Del Rey

6/30/30 Del Rey L.A. Co. Cal.

.. .. .

53061

- 62 *Salicornia depressa*
 63
 64 *Lupinus chamissonis*
 65 *Corethrogyne filaginifolia* var. *virgata*
 66 *Hemizonia fasciculata*
 67 *Atriplex rosea*
 68 *Centromadia pungens*
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 70
 71
 72
 73 *Grindelia robusta*
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 80 *Gilia gilioides* var. *glutinosa*
 81 *Eriogonum thurberi*
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 89 *Eriogonum gracile*
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- 6/30/30 Del Rey L. A. Co.

 6/30/30 Del Rey L. A. Co., Cal.

 6/30/30 " " " " " "

 7/3/30 Lexington Wash. San Gabriel R. El Monte, L. A. Co.

 7/7/30 " " " " " "

53095'

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97

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S 3100 *Oenothera hookeri*

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10 *Juncus mexicanus*

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7/3/30 San Gabriel R., El Monte L.A. Co.

" " " " " " " "

7/3/30 San Gabriel River, El Monte, L.A. Co. Cal.

53129

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43 *Atriplex argentea expansa*

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56 *Atriplex argentea expansa*57 *Salicornia ambigua*

58

59

60

61 *Cuscuta salina*

62

7/7/30 Alamitos Bay L.A. Co. Cal.

" " " " "

7/7/30 Alamitos Bay L.A. Co. Cal.

53/63

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71 *Hemizonia fasciculata*72 *Atriplex leucophylla*73 *Chloris gayana*

74

75

76 *Cordylanthus maritimus*77 *Monanthochloa littoralis*

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88 *Atriplex decumbens*

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90 *Hemizonia fasciculata*

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92

93 *Spartina foliosa*

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7/7/30 Alamitos Bay

L.A. Co.

" " "

7/7/30 Alamitos Bay

L.A. Co.

7/10/30 Anaheim Landing

L.A. Co. Cal.

" " "

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S3197

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S3200

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Alronia cycloptera

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Polanisia trachysperma

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Heliotropium convolvulaceum

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26 *Phacelia congesta*

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6/27/30 Mesquite

Dona Ana Co.

9/2/30 Flat 2 mi. N.W. Pyramid Peak

" " "

"

"

"

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7/22/30

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S 3265

66

67

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69

70

71

72

73

74

75 *Aristida Fendleriana*

76

77

78

79

80

81

82 *Boerhaavia Torreyana*

83

84

85 *Potamogeton interior*

86

87

88 *Epiphiium Maurandya Wislizenii*

89

90 *Atriplex canescens*

91

92 *Acacia constricta*

93

94 *Acacia constricta*

95

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97

98

7/29/30 Flats S.W. Pyramid Peak

Donna Ana Co.

8/7/30 mesquite

" " "

8/4/30 2 mi. E. Vado

" " "

7/26/30 2 mi. N. Mesquite

" " "

" " " "

" " "

8/1/30 Flats, S.W. Pyramid Peak

" " "

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" " "

S3299

S3300

1

2

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4

5 *Eriogonum rotundifolium*

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12 *Baileya multiradiata*

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16

17

18

19 *Dithyrea Wislizeni*

20

21

22

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24 *Centaurium calycosum*

25

26

27 *Rhus trilobata*" " 28 *Prosopis pubescens*

29

30

31

" " 32 *Apocynum cannabinum*
~~*sibericum*~~ *salignum*

8/1/30 Flats S.W. Pyramid Peak

Roma Ana Co.

" " " " " " " " " " " "

7/28/30 2 mi. N. Mesquite

" " "

7/27/30 3 mi. W. Roma Ana

" " "

7/24/30 Los Cruces

" " "

7/24/30 Los Cruces

" " "

" " " " " " " " " " " "

533 33 *Polygonum lapathifolium*

34

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39 *Atriplex elegans*

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.. 49 *Janusia gracilis*

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55 *Lolanum oleagnifolium*

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7/24/30 Las Cruces

Dona Ana Co.

7/28/30 Mesquite

.. ..

8/4/30 Pyramid Peak

.. ..

7/27/30 2 mi. n. Fairacres

.. ..

1200

